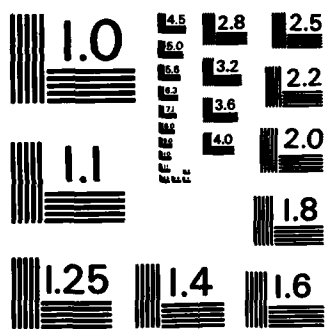


JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 05C RADIO 172
TELETYPE OPERATOR. (U) DEFENSE LANGUAGE INST LACKLAND
AFB TX ENGLISH LANGUAGE CENTER. 14 JUL 78

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JOB LANGUAGE PERFORMANCE REQUIREMENTS

FOR A05C

MOS

RADIO TELETYPE OPERATOR

REFERENCE SOLDIER'S MANUAL DATED

14 July 1978

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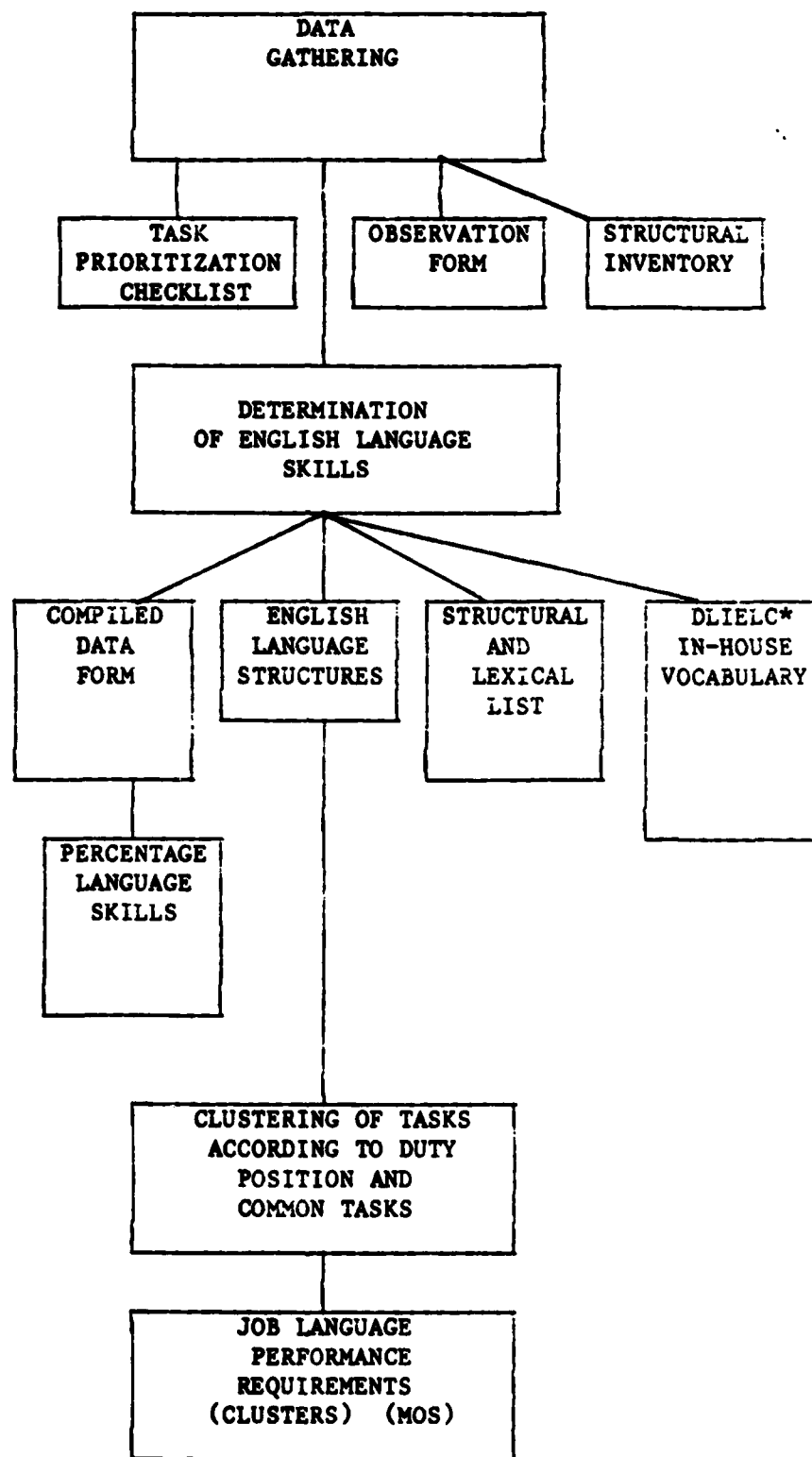


FIGURE 1

*Defense Language Institute English Language Center

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REPORT DOCUMENTATION PAGE		READ INSTRUCTIONS BEFORE COMPLETING FORM	
1. REPORT NUMBER	2. GOVT ACCESSION NO. A121159	3. RECIPIENT'S CATALOG NUMBER	
4. TITLE (and Subtitle) Job Language Performance Requirements (JLPR) for Pre-BT Extended Course mos OSC		5. TYPE OF REPORT & PERIOD COVERED Final	
7. AUTHOR(s) Defense Language Institute-English Language Center		6. PERFORMING ORG. REPORT NUMBER	
9. PERFORMING ORGANIZATION NAME AND ADDRESS Defense Language Institute-English Language Center ATTN: DLIELC-LEACA Lackland Air Force Base, TX 78236		8. CONTRACT OR GRANT NUMBER(s)	
11. CONTROLLING OFFICE NAME AND ADDRESS		10. PROGRAM ELEMENT, PROJECT, TASK AREA & WORK UNIT NUMBERS	
14. MONITORING AGENCY NAME & ADDRESS (if different from Controlling Office) Training Developments Institute ATTN: ATTG-DOR Fort Monroe, VA 23651		12. REPORT DATE 001 1982	
		13. NUMBER OF PAGES 133	
		15. SECURITY CLASS. (of this report) UNCLASSIFIED	
16. DISTRIBUTION STATEMENT (of this Report) Approved for public release; distribution unlimited.		15a. DECLASSIFICATION/DOWNGRADING SCHEDULE	
17. DISTRIBUTION STATEMENT (of the abstract entered in Block 20, if different from Report)		Accession For NTIS GRA&I <input checked="" type="checkbox"/> DTIC TAB <input type="checkbox"/> Unannounced <input type="checkbox"/> Justification	
18. SUPPLEMENTARY NOTES		By _____ Distribution/ Availability Codes Avail and/or Dist Special A 23	
19. KEY WORDS (Continue on reverse side if necessary and identify by block number) Job Language Performance Requirements (JLPR) Lexical Analysis Structural Analysis English Language Skills Task Prioritization Checklist		Task Inventory Common Tasks Listening Speaking Reading	
20. ABSTRACT (Continue on reverse side if necessary and identify by block number) The Job Language Performance Requirements (JLPR) study was conducted to deter- mine language tasks the soldier must do in studying/performing job tasks. The language skills (listening, reading, writing, speaking) required to learn each Army job task were identified, conditions studied and standards determined. The data that generated the JLPR is identified. ↗			

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PREFACE

INSTRUCTIONS FOR REVIEW OF JOB LANGUAGE PERFORMANCE REQUIREMENTS

This report is organized in six main sections. Sections I-IV discuss methods, forms and rationale for gathering, organizing and analyzing research data used to develop Job Language Performance Requirements (JLPR). Please look through these sections to get a general understanding of the background underlying the JLPR. Sections V and VI are the major substantive portions of the analysis. They are the results of the analysis and constitute the basis for development of any MOS-oriented English language materials. Section V contains the JLPR by cluster/topic, while Section VI contains the JLPR covering the entire range of clusters/topics.

The appendices, one through eight, contain all the information used to determine the Job Language Performance Requirements. Please write any suggestions or changes directly on the document or attach additional notes, if necessary.

The points covered in the six major sections are supported in greater detail in eight appendices. Below is an overview of these appendices.

Appendix one contains the Task Prioritization Checklist. It was taken to the field to collect the raw data. This form was approved for use by the Department of the Army.

Appendix two contains the Task Inventory Compiled Data Form. It was used to organize data from Unit and AIT respondents.

Appendix three defines the language skills by percentage. This form includes computations of language skills for each task cluster.

Appendix four contains the Observation Form used in the recording of types of listening and speaking skills required, as seen by observers, in the learning and performing of a task. The variety of environmental situations is also included on this form.

Appendix five contains the final list of structural and lexical items found through data gathering and organization.

Appendix six contains the DLIELC in-house vocabulary list. This is a task by task listing of the vocabulary extracted from the Soldier's Manual.

Appendix seven contains the machine-generated vocabulary for this MOS prepared by the United States Army Training and Doctrine Command (TRADOC), Fort Monroe, Virginia.

Appendix eight contains the list of structural and lexical items requisite to this MOS.

Thank you for your cooperation. It is greatly appreciated.

SECTION I

DATA GATHERING

INTRODUCTION

This section discusses the procedures and forms in the gathering of data used to determine the Job Language Performance Requirements for this MOS.

SECTION I: DATA GATHERING

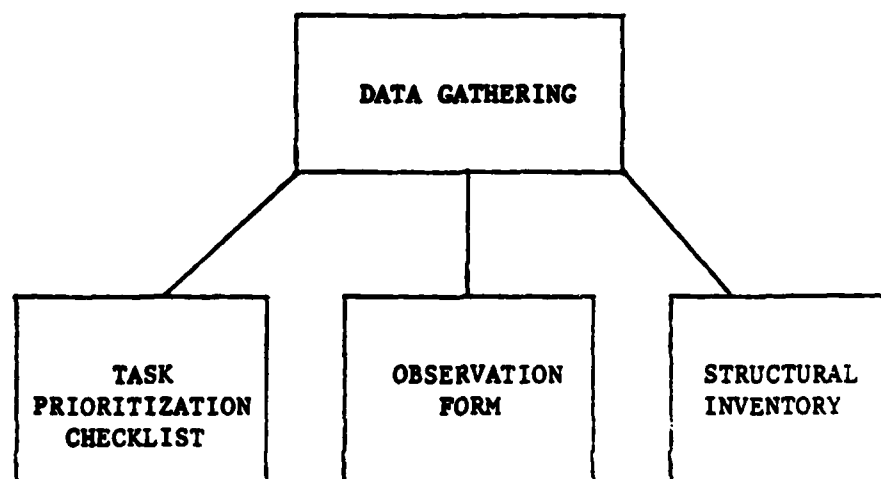


FIGURE 2

In order to establish Job Language Performance Requirements for this MOS the curriculum development specialists at the Defense Language Institute English Language Center (DLIELC) analyzed the current learning and working situations, and individual tasks. The goal was to collect data which would help identify the Job Language Performance Requirements pertinent to this MOS.

To conduct this analysis, training specialists visited the AIT School and Unit cadre. Interviews were conducted using a Task Prioritization Checklist, (Appendix 1). For each task, first-line supervisors answered the following questions:

1. Is the task taught?
2. How is the task taught?
3. Is the task tested?
4. How is the task tested?
5. How important are speaking, listening, reading and writing in learning and performing the task?
6. What are the results of poor performance in performing the task.

Additional data were gathered through use of an Observation Form and an analysis of language structures in the Soldier's Manual for this MOS.

The Observation Form (Appendix 4) was used to record actual observations of the learning situations, populations, tasks, and language.

The lexical and structural analysis was done by a panel of language specialists who first listed all structures found in the Soldier's Manual for this MOS and then all structures, standard and non-standard, noted on the Observation Forms for all vocabulary from the Soldier's Manual. All lists were then combined into an overall lexical and structural inventory.

SUMMARY/CONCLUSION:

The tools for data gathering were:

1. The Task Prioritization Checklist (Appendix 1)
2. The Task Inventory Compiled Data Form (Appendix 2)
3. The Observation Form (Appendix 4)
4. A Structural and Lexical Inventory (consisting of rough drafts of all vocabulary and structures in this MOS).

These tools were used to form the data pool from which the Job Language Requirements were determined.

SECTION II

DETERMINATION OF ENGLISH LANGUAGE SKILLS

INTRODUCTION

This section discusses the organization of the raw data into information used to determine the English language skills pertinent to this MOS.

SECTION II: DETERMINATION OF ENGLISH LANGUAGE SKILLS

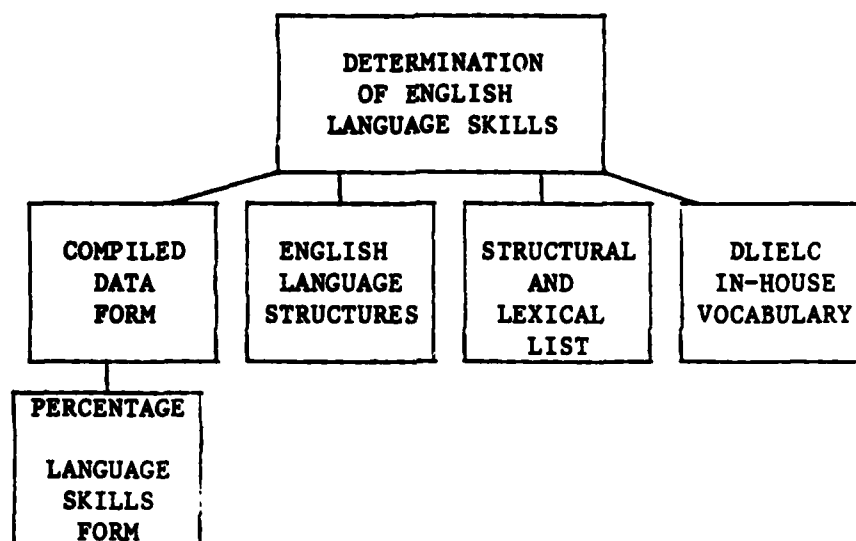


FIGURE 3

The raw data collected as described in Section II above was used to determine the English Language skills which the soldier must learn to learn and perform the task. The Compiled Data Form, Appendix 2, was used to organize the observation and analysis data. Selected information from the Task Prioritization Checklist was recorded directly on this form. Specifically three variables were used to determine the language skills involved. They were:

1. Methods of teaching.
2. Methods of testing.
3. The actual respondents' ratings of the four English language skills.

From each of the three variables the following skills were determined:

VARIABLE	ENGLISH LANGUAGE SKILLS
Methods of Teaching demonstration lecture hands on self-paced	listening, listening, writing listening reading, writing

Methods of Testing performance oral written	listening speaking writing, reading
Rating of English Language Skills listening speaking reading writing	*a response of 2 or 3 on a scale of 1 to 3 was tallied a response of 1, 2, or 3 on a scale of 1 to 5 was tallied

*See A1

In order to determine the relations of the various skills in the MOS, data from the three variables were tallied on the Percentage Language Skills Form. An average was then found using the following formula:

$$TR \div T \times V \times R = \% \text{ of use}$$

T = total number of tasks per cluster

V = language skill variable per cluster**

R = maximum number of respondents in any task in that cluster

TR = total tally of responses per task per skill

% of use = use of the language skill in the task

Percentages found in this MOS were:

Listening	46%
Speaking	24%
Reading	27%
Writing	27%

As shown by the figures, listening is the most important skill in this MOS. However, in particular duty sections, percentages varied. Appendix 3, the Percentage Language Skills Form, shows the actual skill percentages in each duty position.

**See A3

Organization of structural and lexical items was done by comparing a structural and lexical list extracted from the Soldier's Manual with a structural inventory list extracted from ALC (American Language Center) materials through Volume 2400, at the end of which a trainee is normally qualified for Specialized English Technical Terminology training. By comparing the lists redundancies were eliminated, leaving the final list of structural and lexical items indicated by grammatical title in Appendix 5.

SUMMARY/CONCLUSION:

Organization of the data included the recording of responses on the Task Inventory Compiled Data Form, use of the Percentage Language Skills Form, and the DLIELC in-house structural analysis list. Skills were analyzed by duty section. The actual lexical items in this MOS were grouped and listed task by task. This information was then used to determine the specific Job Language Performance Requirements.

SECTION III

CLUSTERING OF COMMON AND DUTY POSITION TASKS

INTRODUCTION

Due to the overlapping of certain elements among the various MOS, tasks were clustered in order to prevent duplication of effort for each MOS.

This section contains a listing of the clusters for this MOS.

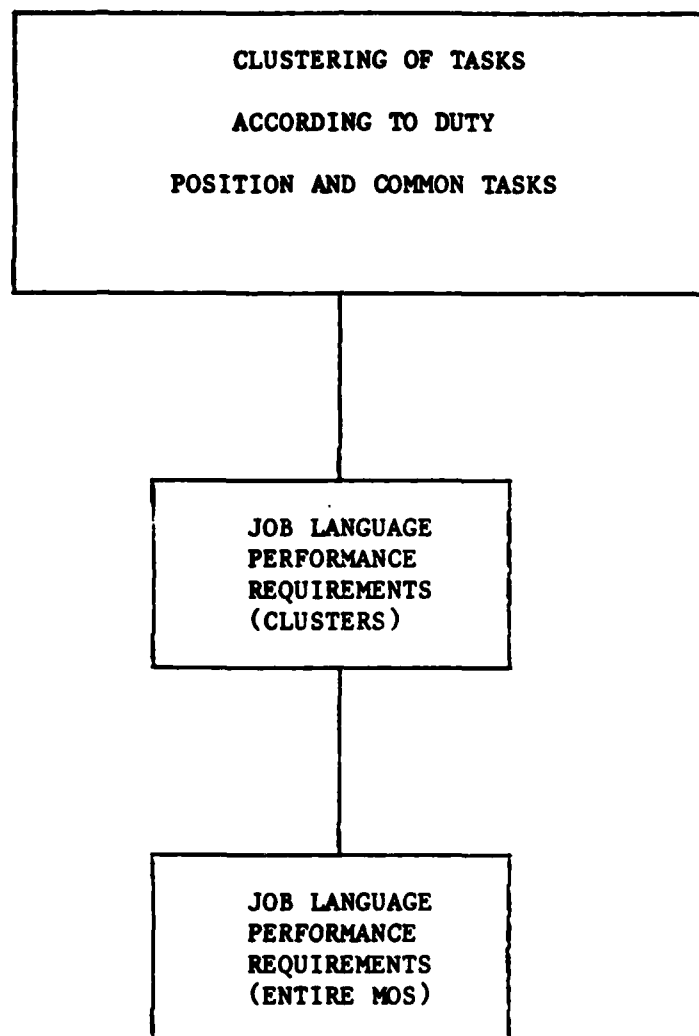


FIGURE 4

SECTION III: CLUSTERING OF COMMON AND DUTY POSITION TASKS

Clustering was done by using the common and duty position tasks in the Solder's Manual.

The following clusters are in this MOS:

1. FIRST AID
2. NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS
3. INDIVIDUAL FITNESS
4. CAMOUFLAGE
5. SECURITY AND INTELLIGENCE
6. LAND NAVIGATION
7. M16A1 RIFLE
8. PREPARE DA FORM 2404
9. RADIO PROCEDURE
10. RADIO EQUIPMENT
11. RADIOTELETYPEWRITERS
12. GENERATORS
13. COMMUNICATIONS SECURITY EQUIPMENT
14. TELEPHONE SWITCHBOARD
15. RADIO WIRE INTEGRATION SYSTEM
16. RADIO SITE

SECTION IV

JOB LANGUAGE PERFORMANCE REQUIREMENTS

INTRODUCTION

This section discusses the format for the Job Language Performance Requirements.

SECTION IV: JOB LANGUAGE PERFORMANCE REQUIREMENTS

The format for the Job Language Performance Requirements is:

TASK:
CONDITION:
STANDARD:

A. TASK

The Job Language Performance Requirements state the language tasks the soldier must do in studying/performing specific MOS job tasks. A task addressing language would be one of reading, listening, speaking or writing. Job tasks, as seen in the Soldier's Manual, are those which pertain to the soldier's duties. To write these as language tasks required the following explanations of what the soldier would speak, read, listen and write. Below are the kinds of explanations that had to be made in this MOS.

SPEAKING

Produces oral utterances to report/inform/explain/elicite response/respond.

Analysis of this MOS indicates verbal reports entailing those activities directly related to the soldier's job tasks.

The speaking act to respond or elicit response in this MOS is an oral response to a command or visual signal.

Speaking to explain involves situations of instruction in any training situation.

Speaking to inform involves producing oral utterances to communicate necessary information.

READING

Read for information/to learn.

Printed and written materials are used throughout this MOS. The soldier is expected to read technical manuals, field manuals, soldier's manual, written communication and audio-visual aids. Content of these materials is presented in formats and styles ranging from simple factual words or sentences to complex passages containing highly technical vocabulary, often with ellipsis. The purpose is to teach the student, so the student reads them to learn. Reading to learn involves reading names, attributes, information, procedures, explanations of how systems work, concepts, vocabulary terms, and definitions which are committed to short or long term memory for immediate or later recognition.

Basically, the soldier will use these reading materials to supplement what is stated in a lecture by integrating the information from the different texts or written communiques into his understanding of the previous lecture.

The soldier must develop the ability to understand the words in context, to read in thought units, and then select and understand the main ideas. The soldier must retain, apply, and integrate these ideas with past experience to use in his MOS.

Reading to learn, then, is a synthesis. What is read is to be retained in memory for integration in new experiences.

Reading for information, on the other hand, is quite different. The read material is to be retained only in short term memory, used for a specific purpose (i.e., look up a metric equivalent of 37 pounds) and then forgotten.

LISTENING

Listen to oral information to learn/to report.

In this MOS, lecture is a main method of instruction. The lecture is often supplemented by a demonstration. The soldier listens to the lecture to learn data pertinent to the task. Analysis of lecture presentations indicated many language variables. The soldier hears sub-standard usages, various registers of style and formality, colloquialisms, even profanity, in situations ranging from a barracks to a field. The soldier must differentiate between the types of language functions. Is it expression, exchange, description, explanation, argumentation, persuasion, statement, request, or order? The oral information may be directly from the speaker and/or indirectly such as over the telephone, radio, TV, or tape. The soldier must organize and gain meaning from what is heard. Out of all these variables, the soldier must identify or infer the main ideas or major points.

Analysis of this MOS did not and could not specify all types of spontaneous language the soldier would be exposed to. The POI, though, does show the general form of the constrained oral language the soldier must listen to in order to learn the task.

B. CONDITIONS

The condition is what the soldier will be given in order to do the task. For the MOS job, the soldier is given paper, pencil, and printed materials. For language purposes, he will be given certain structural and lexical features as found through the data gathering and organizing from interviews and observations. Again, for the job that the soldier will be given, the material may be under normal working conditions, though other conditions may be added such as with or without protective gear or in darkness.

The soldier will read lists, tables, procedures, checklists or signs, and will hear scenarios, lectures, explanations, and commands. Therefore, these are listed with the Job Language Performance Requirements as possible conditions.

C. STANDARDS

The standard for our purpose is 100%. A standard for understanding or speaking cannot be tested as saying the soldier will disassemble a .45 caliber pistol in eight minutes. Because of this, 100% understandable speech or 100% legibility is used as a reference.

SUMMARY/CONCLUSION:

The Job Language Performance Requirements including tasks, conditions, and standards, were first written for each task cluster. The clusters were then combined into the Job Language Performance Requirements for the entire MOS.

SECTION V

JOB LANGUAGE PERFORMANCE REQUIREMENTS (CLUSTERED)

INTRODUCTION

Sections I, II, III, and IV described how Job Language Performance Requirements were identified and constructed.

This section contains the Job Language Performance Requirements for each task cluster pertinent to this MOS.

FIRST AID

I. PERCENTAGE LANGUAGE SKILLS

Listening	39%
Speaking	13%
Reading	2%
Writing	6%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given a medical scenario involving simple questions about an illness in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to explain
CONDITIONS:	Given a simple medical scenario requiring an oral interpretation in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral communication
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, procedures, tables and explanations
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

081-831-1004	Perform Mouth To Mouth Resuscitation and External Cardiac Massage
081-831-1005	Stop Bleeding
081-831-1006	Identify Signs and Treat For Shock
081-831-1008	Administer Emergency Medical Care For Burns

NUCLEAR, BIOLOGICAL AND CHEMICAL OPERATIONS

I. PERCENTAGE LANGUAGE SKILLS

Listening	50%
Speaking	14%
Reading	20%
Writing	24%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to learn and perform
CONDITIONS:	Given oral warnings or verbal commands regarding simulated NBC situations (scenarios) in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral utterances
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given NBC situations requiring oral alarms
STANDARDS:	100% understandable oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, captioned illustrations and notations defined as explanations
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

081-831-1012	Administer Antidote To A Nerve-Agent Casualty
091-503-1001	Maintain Protective Mask and Accessories
091-503-1002	Put On A Protective Mask
091-503-1003	Take Cover As Protection Against NBC Hazards

INDIVIDUAL FITNESS

I. PERCENTAGE LANGUAGE SKILLS

Listening	52%
Speaking	14%
Reading	5%
Writing	4%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4); using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Read for information
CONDITIONS: Given printed MOS training materials in the form of procedures, manuals, charts, captioned illustrations and explanations
STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-327-0201 Maintain Individual Physical Fitness Appropriate To Unit Mission

CAMOUFLAGE

I. PERCENTAGE LANGUAGE SKILLS

Listening	38%
Speaking	25%
Reading	7%
Writing	8%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of instructions, charts, captioned illustrations, explanations and procedures
STANDARDS:	100% understanding of printed content

III. TASK NUMBERS AND TITLES

051-191-1361	Camouflage/Conceal Self And Individual Equipment
051-191-1362	Camouflage/Conceal Equipment

SECURITY AND INTELLIGENCE

I. PERCENTAGE LANGUAGE SKILLS

Listening	43%
Speaking	35%
Reading	30%
Writing	30%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to orally interact
CONDITIONS:	Given oral challenges, passwords and scenarios in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce spontaneous oral utterances to interact
CONDITIONS:	Given the requirement to orally respond to challenges, passwords and security situations in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, tables and warnings
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

071-331-0801	Use Challenge and Password
121-030-1503	Safeguard Classified Information

LAND NAVIGATION

I. PERCENTAGE LANGUAGE SKILLS

Listening	70%
Speaking	33%
Reading	67%
Writing	54%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce oral utterances to inform and respond
CONDITIONS:	Given a requirement to produce a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of marked maps, definitions, captioned illustrations, instructions and procedures
STANDARDS:	100% understanding of printed content
TASK:	Write to record
CONDITIONS:	Given a requirement to record the grid reference
STANDARDS:	100% legible written content

III. TASK NUMBERS AND TITLES

071-329-1006 Navigate Using A Map

M16A1 RIFLE

I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	23%
Reading	6%
Writing	8%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions or verbal commands in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce oral utterances to inform and respond
CONDITIONS: Given a requirement to make a verbal report in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of procedures, captioned illustrations, warnings and references
STANDARDS: 100% understanding of printed content

III. TASK NUMBERS AND TITLES

071-311-2002	Load and Unload An M16A1 Rifle Magazine
071-311-2003	Load, Reduce A Stoppage, Unload and Clear An M16A1 Rifle
071-311-2004	Zero An M16A1 Rifle
071-311-2005	Engage Targets With An M16A1 Rifle

PREPARE DA FORM 2404

I. PERCENTAGE LANGUAGE SKILLS

Listening	41%
Speaking	19%
Reading	35%
Writing	63%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication

TASK:	Read for information
CONDITIONS:	Given printed MOS training materials and designated forms
STANDARDS:	100% understanding of printed content

TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete DA Form 2404
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-623-3001	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet) As A Daily and Weekly Maintenance Report
113-623-3002	Prepare DA Form 2404 (Equipment Inspection and Maintenance Worksheet) As An ESC (Equipment Serviceability Criteria) Report

RADIO PROCEDURE

I. PERCENTAGE LANGUAGE SKILLS

Listening	43%
Speaking	22%
Reading	41%
Writing	39%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral information

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances over radiotelephone
CONDITIONS: Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read to learn
CONDITIONS: Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given a requirement to complete communication forms and logs
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-571-1001 Use Correct Radio Procedure To Transmit Or Receive A Radio Message

V-10-05C

113-571-1003	Establish, Enter Or Leave A Radio Net
113-571-7001	Perform Station/Net Duties
113-571-7002	Inspect Station/Net Operations
113-574-1004	Operate In Radio Nets
113-573-1002	Prepare A Message For Transmission In 16 Line Format
113-573-4001	Encode and Decode Messages Using A KTC 600 Tactical Operations Code
113-573-4002	Use KAL-61B With KTC 1400 Numerical Code To Authenticate Transmission and Encrypt/Decrypt Numbers and Grid Zone Letters
113-573-6001	Implement Electronic Counter Countermeasures (ECCM)
113-573-7001	Prepare An Interference (MIJI) Report
113-573-8001	Use An Automated CEOI

RADIO EQUIPMENT

I. PERCENTAGE LANGUAGE SKILLS

Listening	29%
Speaking	15%
Reading	17%
Writing	15%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-587-1001 Install Radio Set AN/PRC-77 Or AN/PRC-25

113-587-2001	Operate Radio Set AN/PRC-77 Or AN/PRC-25
113-587-1002	Install Radio Set AN/VRC-12
113-587-1004	Install Radio Set AN/VRC-46 (AN/VRC-12 Series)
113-587-1005	Install Radio Set AN/VRC-49
113-587-2003	Operate Radio Set AN/VRC-46 (AN/VRC-12 Series)
113-587-2004	Troubleshoot AN/VRC-46 (AN/VRC-12 Series)
113-587-1003	Install Radio Set AN/VRC-64
113-587-2002	Operate Radio Set AN/VRC-64
113-599-1004	Install Radio Set AN/GRC-26D
113-599-2005	Operate Radio Set AN/GRC-26D
113-599-6003	Perform Equipment Serviceability Criteria (ESC) On Radio Set AN/GRC-26D
113-620-1001	Install Radio Set AN/GRC-106
113-620-2001	Operate Radio Set AN/GRC-106
113-620-3001	Perform Daily Preventive Maintenance Checks and Services On Radio Set AN/GRC-106
113-620-2002	Perform Operator Troubleshooting Procedures On Radio Set AN/GRC-106
113-620-6001	Perform Equipment Serviceability Criteria (ESC) On Radio Set AN/GRC-106
113-620-1003	Install Radio Set AN/FRC-93
113-620-2005	Operate Radio Set AN/FRC-93
113-620-1004	Install Radio Set AN/PRC-74B
113-620-2006	Operate Radio Set AN/PRC-74B
113-622-1001	Install Radio Set Control Group AN/GRA-6
113-622-2001	Operate Radio Set Control Group AN/GRA-6
113-622-1002	Install Radio Set Control Group AN/GRA-39
113-622-2002	Operate Radio Set Control Group AN/GRA-39
113-587-7001	Inspect Installed Operational Radio Sets
113-596-7001	Inspect Construction Of A Doublet Antenna
113-622-7001	Inspect Installed Operational Radio Set Control Groups
113-623-7001	Inspect Performance Of Equipment Serviceability Criteria (ESC) At Team Level
113-623-7002	Inspect Performance Of Preventive Maintenance At Team Level

RADIOTELETYPEWRITERS

I. PERCENTAGE LANGUAGE SKILLS

Listening	30%
Speaking	16%
Reading	21%
Writing	19%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-599-1001	Install Radioteletypewriter Set AN/GRC-46
113-599-2001	Operate Radioteletypewriter Set AN/GRC-46

113-599-3001 Perform Weekly Preventive Maintenance On
Radioteletypewriter Set AN/GRC-46
113-599-6001 Perform Equipment Serviceability Criteria (ESC) On
Radioteletypewriter Set AN/GRC-46
113-599-1002 Install Radioteletypewriter Set AN/GRC-142 Or
AN/GRC-122
113-599-2003 Troubleshoot Radioteletypewriter Set AN/GRC-142
Or AN/GRC-122
113-599-6002 Perform Equipment Serviceability Criteria (ESC) On
Radioteletypewriter Set AN/GRC-142 Or AN/GRC-122
133-599-1003 Install Radioteletypewriter Set AN/VSC-2
133-599-2004 Operate Radioteletypewriter Set AN/VSC-2

GENERATORS

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	28%
Reading	17%
Writing	20%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of procedures, tables and warnings
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-601-1001	Install Generator Set 5KW
113-601-2001	Operate Generator Set 5KW
113-601-3001	Perform Daily Preventive Maintenance Checks and Services On Generator Set 5KW
113-601-2002	Perform Operator's Troubleshooting Procedures on Generator Set 5KW
113-601-1002	Install Generator Set 10KW
113-601-2003	Operate Generator Set 10KW
113-601-3002	Perform Daily Preventive Maintenance Checks and Services On Generator Set 10KW
113-601-2004	Perform Operator Troubleshooting Procedures On Generator Set 10KW
113-601-1003	Install Generator Set 3KW, 28VDC
113-601-2005	Operate Generator Set 3KW, 28VDC
113-601-7001	Inspect Installed Operational Generator Sets

COMMUNICATIONS SECURITY EQUIPMENT

I. PERCENTAGE LANGUAGE SKILLS

Listening	52%
Speaking	23%
Reading	42%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral information
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-609-1001	Install and Operate Communications Security Equipment TSEC/KY-8
113-609-1002	Install and Operate Speech Security Equipment TSEC/KY-38
113-609-1003	Install and Operate Communications Security Equipment HYL-3/TSEC

TELEPHONE SWITCHBOARD

I. PERCENTAGE LANGUAGE SKILLS

Listening	44%
Speaking	30%
Reading	33%
Writing	35%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn and perform
CONDITIONS:	Given oral instructions and a brief oral message including prowords in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Produce oral utterances over radiotelephone
CONDITIONS:	Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral utterances
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Read for information
CONDITIONS:	Given printed MOS training materials in the form of captioned illustrations, procedures and references
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given a requirement to complete communication forms and logs
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-594-6001 Perform Equipment Serviceability Criteria (ESC) On
Switchboard, Telephone, Manual SB-22 Or SB-22A/PT

RADIO WIRE INTEGRATION SYSTEM

I. PERCENTAGE LANGUAGE SKILLS

Listening	53%
Speaking	41%
Reading	37%
Writing	33%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK:	Listen to learn
CONDITIONS:	Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understanding of oral communication
TASK:	Produce appropriate oral responses spontaneously or upon request
CONDITIONS:	Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS:	100% understandable oral responses
TASK:	Read to learn
CONDITIONS:	Given printed MOS training materials in the form of instructions, captioned illustrations and sample messages using prowords
STANDARDS:	100% understanding of printed content
TASK:	Write to record and report
CONDITIONS:	Given the requirement to complete forms and make written reports
STANDARDS:	100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-618-1001	Install Radio Wire Integration (RWI) System
113-618-2001	Operate Radio Wire Integration (RWI) System
113-618-7001	Inspect Installed Operational Radio Wire Integration System

RADIO SITE

I. PERCENTAGE LANGUAGE SKILLS

Listening	48%
Speaking	30%
Reading	47%
Writing	40%

II. JOB LANGUAGE PERFORMANCE REQUIREMENTS

TASK: Listen to learn and perform
CONDITIONS: Given oral instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understanding of oral communication

TASK: Produce appropriate oral responses spontaneously or upon request
CONDITIONS: Given any verbal stimulus in the form of questions, scenarios or instructions in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral responses

TASK: Produce oral utterances over radiotelephone
CONDITIONS: Given the requirement to orally communicate using the phonetic alphabet in any training situation (Appendix 4), using standard and non-standard structural and lexical items (Appendices 5 & 7)
STANDARDS: 100% understandable oral utterances

TASK: Read for information
CONDITIONS: Given printed instructions in the form of an operations order or letter of instruction
STANDARDS: 100% understanding of printed content

TASK: Write to record and report
CONDITIONS: Given the requirement to complete forms and make written reports
STANDARDS: 100% understandable and legible written content

III. TASK NUMBERS AND TITLES

113-611-1001 Select Team Radio Site

SECTION VI

JOB LANGUAGE PERFORMANCE REQUIREMENTS (Entire MOS)

INTRODUCTION

This section contains language tasks for each generic skill for this MOS. Listed below each task are the types of receptive or productive language activity involved.

LISTENING

TASK: Understand oral language intended to inform or instruct.

CONDITIONS: Given explanations, procedures, rules, instructions or definitions in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5 & 6)

STANDARDS: 100% understanding and assimilation of presented oral language task.

The following are specific conditions found in this language task:

Warnings
Described situations
Directions
Lectures
Commands, Orders
Sound tracks (films, tapes)
Standard/Non-standard English
Instructions
SQT questions

TASK: Understand spontaneous oral language or language via a technical medium - such as a radio telephone - intended to inform and elicit responses.

CONDITIONS: Given scenarios, questions, commands or requests in simple to complex lexicon and syntax, formal or informal registers, casual or colloquial speech, military jargon, slang or dialectical speech in any training situation. (Appendices 4, 5, & 6)

STANDARDS: 100% understanding and assimilation of oral language in order to apply and respond.

The following are specific conditions found in this language task:

Shouting
Radio communications
Coded messages
Spellings
Conversation
Requests

SPEAKING

TASK: Formulate and produce appropriate oral responses spontaneously.

CONDITIONS: Given any verbal stimulus in the form of questions, scenarios, instructions, or cues in any training situation.
(Appendices 5 & 6)

STANDARDS: 100% understandable oral response using correct lexicon and syntax for the training situation.

The following are specific conditions found in the language task:

Explanations
Statements
Repetitions
Counting
Corrections
Assignments
Notifications
Oral reports
Answers
Clarifications
Information

TASK: Produce oral utterances to interact and communicate spontaneously or via a technical medium such as radio telephone.

CONDITIONS: Given a communicative situation (Appendices 4, 5, & 6 Soldier's Manual) in any training situation.

STANDARDS: 100% understandable communication using correct lexicon and syntax for the communication act.

The following are specific conditions found in this language task:

Requesting information
Requesting permission
Transmitting messages
Call signs
Vocal signals
Shout warnings
Radio communications
Target locations
Directions (N,S,E,W)
Directions, general
Requests for fire
Report on the results of fire
Challenges/Passwords
Training sessions
Interaction

READING

TASK: Read MOS training in the form of printed prose or graphic representations in order to learn processes, concepts, vocabulary, definitions and identifications, to calculate problems, intercept codes and complete forms.

CONDITIONS: Given technical, non-technical, lexical and structural features in simple to complex printed form in any training situation.
(Appendices 4, 5 & 6)

STANDARDS: 100% understanding of printed content.

The following are specific conditions found in this language task:
Captions with illustrations.

Lists	Extracts
Procedures	Columns
Information	Indices
Definitions	Charts
Outlines	Methods
Signs	Technical Vocabulary
Markers	Standard Operating Procedures
References	Cartoons
Rules	Problems
Maps	Manuals
Flags	Graphic Training Aids
Military Documents	
I.D. Papers	
Regulations	

TASK: Identify, understand, and interpret written utterances pertinent to MOS training in technical or non-technical language.

CONDITIONS: Given technical, non-technical, lexical and structural features in simple to complex written form in any training situation.
(Appendices 4, 5 & 6)

STANDARDS: 100% understanding of written content.

The following are specific conditions found in this language task:

Lists
Information
Descriptions
Radiation readings off dosimeter
Coordinate scales
Callsigns-suffices
Three-letter codes
Examples
Calculations
Markings
Radio communications
Range cards
Notes
Messages

WRITING

- TASK:** Upon instruction, write in conventional orthography, letter, numbers, words or sentences appropriate to the training situation.
- CONDITIONS:** Given standardized forms, paper or answer sheets and the instructions to list, answer, describe or recall.
- STANDARDS:** 100% syntactical and lexical correctness and legibility of writing which is also appropriate in style and usage to training situations. (Appendix 4)

The following are specific conditions found in this language task:

Ratings
Signatures
Range cards
Data symbols
Answers
Descriptions
Notes
Reports

- TASK:** Write, in conventional orthography, letters, or specialized code, numbers, words or sentences in order to transmit or record information.
- CONDITIONS:** Given standardized forms or paper and oral communication.
- STANDARDS:** 100% syntactical and lexical correctness of writing which can be read by another speaker of English.

The following are specific conditions found in this language task:

Technical forms
Codes
Grid coordinates
Decoded messages
Encoded messages
Logbooks
Plottings
Figures
Reports
Tags
Range cards
Applicable DA forms

APPENDICES

1. Task Prioritization Checklist
2. Task Inventory Compiled Data Forms
3. Percentage Language Skills
4. Observation Form
5. Structural/Lexical list
6. Vocabulary (DLIELC in-house)
7. Vocabulary (machine-generated)
8. English Language Structures

APPENDIX 1

TASK PRIORITIZATION CHECKLIST

This Checklist was approved by the
Department of the Army in 1980.

(PRESENTLY WORKING IN)

MOS IN WHICH YOU WERE TRAINED: _____
POSITION: _____
UNIT: _____

2 = met
3 = h16

YES

NO

IS TASK
TAUGHT?

LISTENING*
SPEAKING*
READING*
WRITING*

LECTURE
SELF-PACED
DEMONSTRATION
HANDS-ON

YES

NO

IS TASK
TESTED?

WRITTEN

ORAL

PERFORMANCE

PERSON

RESULTS
DANGER
EQUIPMENT

48

APPENDIX 2

TASK INVENTORY COMPILED DATA FORM

This form was used to record data from
the Task Prioritization Checklist.

10-3-15

NOS 05C NUMBER OF RESPONDENTS 71
 DATA OBTAINED FROM FT. BRAGG/KOVA/GERMANY TRAINING SPECIALIST

[illegible]

NOS _____ NUMBER OF RESPONDENTS _____

DATA OBTAINED FROM _____ TRAINING SPECIALIST _____

TASK NUMBER	ALT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS
		danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening
		difficult? tested? taught?			
071-324-1001					
071-324-1002					
071-324-1003					
071-324-1004					
071-324-1005					
071-324-1006					
071-324-1007					
071-324-1008					
071-324-1009					
071-324-1010					
071-324-1011					
071-324-1012					
071-324-1013					
071-324-1014					
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071-324-1024					
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SECURITY & INVESTMENT

(Handwritten notes at bottom of page)

performance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
self-paced	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
hands-on	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
demonstration	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
lecture	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
danger to person or	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
equipment	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
importance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
difficult?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
tested?	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
MOS					NUMBER OF RESPONDENTS																																																																																															
DATA OBTAINED FROM					TRAINING SPECIALIST																																																																																															
writing	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
reading	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
speaking	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
listening	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
written	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
oral	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
performance	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
self-paced	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55																																													

DATA OBTAINED FROM LT. BRIGG/KORN/GERMANY TRAINING SPECIALIST

NUMBER OF RESPONDENTS

DATA OBTAINED FROM TRAINING SPECIALIST

TASK NUMBER	ALT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS			
					writing	reading	speaking	listening
113-574-1004	difficult?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance				
	tested?							
	taught?							
113-573-1002	difficult?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance				
	tested?							
	taught?							
113-573-4001	difficult?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance				
	tested?							
	taught?							
113-573-4002	difficult?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance				
	tested?							
	taught?							

119-425-511

2001-573-1007

113-573-4001

119-573-4002

TASK NUMBER	UNIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	DATA OBTAINED FROM	
						NUMBER OF RESPONDENTS	TRAINING SPECIALIST
	difficult?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening		
	tested?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening		
	taught?	danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening		
		danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening		
		danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening		
		danger to person or equipment importance	self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening		

7 PAGE OF 20		MOS <u>05C</u> NUMBER OF RESPONDENTS <u>11</u>	
		DATA OBTAINED FROM <u>German/Korea/Fr. Brazil</u> TRAINING SPECIALIST	
RATING OF ELS	writing	1	1
	reading	1	1
	speaking	1	1
	listening	1	1
METHODS OF TESTING	written	1	1
	oral	1	1
	performance	1	1
METHODS OF TEACHING	self-paced	1	1
	hands-on	1	1
	demonstration	1	1
	lecture	1	1
CRITICALITY	danger to person or	1	1
	equipment	1	1
	importance	1	1
UNIT	difficult?	1	1
	tested?	1	1
		MOS <u>05C</u> NUMBER OF RESPONDENTS <u>11</u>	
		DATA OBTAINED FROM <u>German/Korea/Fr. Brazil</u> TRAINING SPECIALIST	
RATING OF ELS	writing		
	reading		
	speaking		
	listening		
METHODS OF TESTING	written		
	oral		
	performance		
METHODS OF TEACHING	self-paced		
	hands-on		
	demonstration		
	lecture		
CRITICALITY	danger to person or		
	equipment		
	importance		
ATT	difficult?		
	tested?		
	taught?		
TASK NUMBER		113-587-1002	113-587-1001

3

writing
reading
speaking
listening
written
oral
performance
self-paced

TRAINING SPECIALIST

105-620-3001

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OF 20

MOS 05C

NUMBER OF RESPONDENTS 11

DATA OBTAINED FROM GERMANY/Korea/F. BRAGA TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT		MOS	NUMBER OF RESPONDENTS	DATA OBTAINED FROM	TRAINING SPECIALIST
						difficult?	tested?				
1			writing reading speaking listening	written oral performance	writing reading speaking listening						
115-420-1204			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening						
115-420-2006			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening						
115-422-1001			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening						
115-422-2001			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening						
115-422-1002			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening						

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT	MOS _____ NUMBER OF RESPONDENTS _____																															
							DATA OBTAINED FROM _____ TRAINING SPECIALIST _____																															
	taught?	tested?	difficulty?	importance	equipment	danger to person or	lecture	demonstration	hands-on	self-paced	performance	oral	written	listening	speaking	reading	writing																					
113-622-2402																																						
113-587-7001																																						
113-596-7001																																						
113-622-7001																																						

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OF 20

MOS 052 NUMBER OF RESPONDENTS 11
DATA OBTAINED FROM Germany/Kelly P. B. 2066 TRAINING SPECIALIST

RATING OF ELS	writing				reading				speaking				listening			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
METHODS OF TESTING	written				oral				performance							
METHODS OF TEACHING	self-paced				hands-on				demonstration				lecture			
CRITICALITY	danger to person or				equipment				importance							
UNIT	difficult?				tested?											
MOS _____ NUMBER OF RESPONDENTS _____ DATA OBTAINED FROM _____ TRAINING SPECIALIST _____																
RATING OF ELS	writing				reading				speaking				listening			
METHODS OF TESTING	written				oral				performance							
METHODS OF TEACHING	self-paced				hands-on				demonstration				lecture			
CRITICALITY	danger to person or				equipment				importance							
AST	difficulty?				tested?				taught?							
TASK NUMBER					113-577-6001				113-577-6002				113-577-6003			

0

3

TRAINING SPECIALIST

113-61-2001

11

DATA OBTAINED FROM GERMANY/KOREA/FR. BRAFE TRAINING SPECIALIST

TASK NUMBER	ATT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT	IMPORTANCE	EQUIPMENT	DANGER TO PERSON OR	DATA OBTAINED FROM		NUMBER OF RESPONDENTS	
										tested?	difficulty?		
113-601-1001			lecture	performance	listening	writing	importance	equipment	danger to person or	tested?	difficulty?		
113-601-2001			demonstration	oral	speaking	reading	importance	equipment	danger to person or	tested?	difficulty?		
113-601-1002			hands-on	written	writing	writing	importance	equipment	danger to person or	tested?	difficulty?		
113-601-2003			self-paced	performance	listening	writing	importance	equipment	danger to person or	tested?	difficulty?		

DATA OBTAINED FROM GERMANY/Korea/Fr. BRAGG TRAINING SPECIALIST

TASK NUMBER	AIT	CRITICALITY	METHODS OF TEACHING	METHODS OF TESTING	RATING OF ELS	UNIT	IMPORTANCE	EQUIPMENT	DANGER TO PERSON OR	MOS		NUMBER OF RESPONDENTS		DATA OBTAINED FROM		TRAINING SPECIALIST	
										difficult?	tested?						
113-601-2004			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	difficult? tested?											
113-601-1003			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	difficult? tested?											
113-601-2005			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	difficult? tested?											
113-601-7001			self-paced hands-on demonstration lecture	written oral performance	writing reading speaking listening	difficult? tested?											

DATA OBTAINED FROM **TRAINING SPECIALIST**

43-648-1001

THE (P)ARTIAL
SUMMARY (P)ARTIAL

DATA OBTAINED FROM General / No. 44 / Fr. BRAGG TRAINING SPECIALIST

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APPENDIX 3

PERCENTAGE LANGUAGE SKILLS

This appendix contains the computations for the percentages of listening, speaking, reading and writing involved in each cluster.

Some clusters have two sets of computations because some Task Prioritization Forms were received after original computations and had to be added on.

71

PERCENTAGE LANGUAGE SKILLS
NOS 050

1

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRIT
$\frac{TR + (T)(V)(R)}{T} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
FIRST AID	$4 \times 5 \times 4 = 80$ $\begin{array}{r} 7 \\ 4 \\ 2 \\ 7 \\ 11 \\ \hline 31 \end{array}$ $80 \overline{) 31.0}$	$4 \times 2 \times 4 = 32$ $\begin{array}{r} 0 \\ 4 \\ 4 \end{array}$ $32 \overline{) 4.0}$	$4 \times 3 \times 4 = 48$ $\begin{array}{r} 0 \\ 0 \\ 1 \\ \hline 1 \end{array}$ $48 \overline{) 1.0}$	$4 \times 4 \times 4 = 64$ $\begin{array}{r} 4 \\ 0 \\ 0 \\ 0 \\ 4 \end{array}$ $64 \overline{) 4.0}$
	39%	13%	2%	6%
NUCLEAR OPERATIONS	$4 \times 5 \times 7 = 140$ $\begin{array}{r} 13 \\ 13 \\ 10 \\ 12 \\ \hline 75 \end{array}$ $140 \overline{) 75.0}$	$4 \times 2 \times 7 = 56$ $\begin{array}{r} 0 \\ 8 \\ 8 \end{array}$ $56 \overline{) 8.0}$	$4 \times 3 \times 7 = 84$ $\begin{array}{r} 0 \\ 9 \\ 8 \\ \hline 17 \end{array}$ $84 \overline{) 17.0}$	$4 \times 4 \times 7 = 112$ $\begin{array}{r} 13 \\ 0 \\ 9 \\ 5 \\ \hline 27 \end{array}$
	50%	14%	20%	24%
INDIVIDUAL FITNESS	$1 \times 5 \times 7 = 35$ $\begin{array}{r} 2 \\ 0 \\ 5 \\ 6 \\ 5 \\ \hline 18 \end{array}$ $35 \overline{) 18.0}$	$1 \times 2 \times 7 = 14$ $\begin{array}{r} 0 \\ 2 \\ 2 \end{array}$ $14 \overline{) 2.0}$	$1 \times 3 \times 7 = 21$ $\begin{array}{r} 1 \\ 0 \\ 1 \\ \hline 11 \end{array}$ $21 \overline{) 11.0}$	$1 \times 4 \times 7 = 28$ $\begin{array}{r} 0 \\ 1 \\ 0 \\ 0 \\ 1 \end{array}$ $28 \overline{) 11.0}$
	52%	14%	5%	4%
			72	

PERCENTAGE LANGUAGE SKILLS
NOS 056

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$\frac{TR + (T)(V)(R)}{R} = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
ADJUSTABLE 251-191-1361 1362	$2 \times 5 \times 5 = 50$ 7 1 0 4 7 <u>19</u> 50 $\overline{)19.00}$.380	$2 \times 2 \times 5 = 20$ 1 4 5 20 $\overline{)5.00}$.250	$2 \times 3 \times 5 = 30$ 0 1 1 2 30 $\overline{)2.00}$.067	$2 \times 4 \times 5 = 40$ 1 0 1 1 3 40 $\overline{)3.00}$.075
	38%	25%	7%	8%
SECURITY AND UTILITIES 171-331-1801 171-030-1503	$2 \times 5 \times 10 = 100$ 8 9 8 5 10 <u>40</u> 100 $\overline{)40.00}$.400	$2 \times 2 \times 10 = 40$ 4 10 14 40 $\overline{)14.00}$.350	$2 \times 3 \times 10 = 60$ 3 6 9 18 60 $\overline{)18.00}$.300	$2 \times 4 \times 10 = 80$ 9 3 6 24 80 $\overline{)24.00}$.300
	40%	35%	30%	30%
LAND NAVIGATION 271-379-1006	$1 \times 5 \times 6 = 30$ 6 4 2 5 4 <u>21</u> 30 $\overline{)21.00}$.700	$1 \times 2 \times 6 = 12$ 1 3 4 12 $\overline{)4.00}$.333	$1 \times 3 \times 6 = 18$ 3 3 6 12 18 $\overline{)12.00}$.666	$1 \times 4 \times 6 = 24$ 4 3 3 3 13 24 $\overline{)13.00}$.542
	70%	33%	67%	54%
			73	

PERCENTAGE LANGUAGE SKILLS NOS 05C

TR = total number of responses to variable: in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORM	LISTENING	SPEAKING	READING	WRITING
TR + (T)(V)(R) = %	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
MIGAI RIFLE 011-311-2002 2003 2004 2005	$4 \times 5 \times 6 = 120$ 9 5 15 14 20 <u>63</u> $120 \sqrt{63.00}$.525	$4 \times 2 \times 6 = 48$ 4 7 <u>11</u> $48 \sqrt{11.00}$.229	$4 \times 3 \times 6 = 72$ 3 0 1 <u>4</u> $72 \sqrt{4.00}$.056	$4 \times 4 \times 6 = 96$ 5 3 0 0 <u>8</u> $96 \sqrt{8.00}$.083
	53%	23%	6%	8%
PRIMER EX FROM 2404 113-623-2001 2002	$2 \times 5 \times 8 = 80$ 8 9 5 3 9 <u>33</u> $80 \sqrt{33.00}$.412	$2 \times 2 \times 8 = 32$ 1 5 <u>6</u> $32 \sqrt{6.00}$.188	$2 \times 3 \times 8 = 48$ 7 10 <u>17</u> $48 \sqrt{17.00}$.354	$2 \times 4 \times 8 = 64$ 9 7 10 14 <u>40</u> $64 \sqrt{40.00}$.625
	41%	19%	35%	63%
RADIO PROCEEDINGS 113-571-10013 7001,2 113-574-1004 113-573-1002 4001,2 6001 7001-8001	$11 \times 5 \times 11 = 605$ 43 53 59 48 59 <u>261</u> $605 \sqrt{261.00}$.431	$11 \times 2 \times 11 = 242$ 15 39 <u>54</u> $242 \sqrt{54.00}$.222	$11 \times 3 \times 11 = 363$ 34 39 74 <u>147</u> $363 \sqrt{147.00}$.405	$11 \times 4 \times 11 = 528$ 53 34 39 61 <u>187</u> $528 \sqrt{187.00}$.465
	43%	22%	41%	39%
			74	

PERCENTAGE LANGUAGE SKILLS NOS 05C

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
RADIO EQUIPMENT	$30 \times 5 \times 10 = 1500$ 72 55 108 113 90 <hr/> 438 $1500 \sqrt{438.00} \quad .292$	$30 \times 2 \times 10 = 600$ 21 70 91 <hr/> $600 \sqrt{91.00} \quad .152$	$30 \times 3 \times 10 = 900$ 42 30 78 <hr/> 151 $900 \sqrt{151.00} \quad .165$	$30 \times 4 \times 10 = 1200$ 55 43 30 47 <hr/> 175 $1200 \sqrt{175.00} \quad .146$
	29%	15%	17%	15%
RADIO TELETYPE WRITERS	$10 \times 5 \times 11 = 550$ 28 25 36 39 24 <hr/> 164 $550 \sqrt{164.00} \quad .298$	$10 \times 2 \times 11 = 220$ 8 28 36 <hr/> $220 \sqrt{36.00} \quad .164$	$10 \times 3 \times 11 = 330$ 16 17 36 <hr/> 69 $330 \sqrt{69.00} \quad .209$	$10 \times 4 \times 11 = 440$ 25 16 17 25 <hr/> 83 $440 \sqrt{83.00} \quad .189$
	30%	16%	21%	19%
GENERIC ACTIONS	$11 \times 5 \times 9 = 495$ 33 32 54 49 50 <hr/> 218 $495 \sqrt{218.00} \quad .440$	$11 \times 2 \times 9 = 198$ 9 47 56 <hr/> $198 \sqrt{56.00} \quad .283$	$11 \times 3 \times 9 = 297$ 16 8 25 <hr/> 49 $297 \sqrt{49.00} \quad .165$	$11 \times 4 \times 9 = 396$ 32 16 7 22 <hr/> 79 $396 \sqrt{79.00} \quad .199$
	44%	28%	17%	20%
			75	

PERCENTAGE LANGUAGE SKILLS
NOS 05c

TR = total number of responses to variables in the cluster
T = number of tasks in the cluster
V = variables
R = maximum number of respondents in any task in that cluster

FORMULA	LISTENING	SPEAKING	READING	WRITING
$TR + (T)(V)(R) = \%$	-demonstration -lecture -hands-on -performance (test) -rating (scale)	-oral (test) -rating (scale)	-self-paced -written (test) -rating (scale)	-lecture -self-paced -written (test) -rating (scale)
Cluster	5 = 100%	2 = 100%	3 = 100%	4 = 100%
COMMUNICATIONS EQUIPMENT 13-609-1001 1002 1003	$3 \times 5 \times 5 = 75$ $\begin{array}{r} 3 \\ 7 \\ 7 \\ 12 \\ \hline 39 \end{array}$ $\begin{array}{r} .520 \\ 75 \overline{) 39.000} \end{array}$	$3 \times 2 \times 5 = 30$ $\begin{array}{r} 0 \\ 7 \\ 7 \end{array}$ $\begin{array}{r} .233 \\ 30 \overline{) 7.000} \end{array}$	$3 \times 3 \times 5 = 45$ $\begin{array}{r} 4 \\ 4 \\ 11 \\ \hline 19 \end{array}$ $\begin{array}{r} .422 \\ 45 \overline{) 19.000} \end{array}$	$3 \times 4 \times 5 = 60$ $\begin{array}{r} 7 \\ 4 \\ 4 \\ 6 \\ \hline 21 \end{array}$ $\begin{array}{r} .350 \\ 60 \overline{) 21.000} \end{array}$
	52%	23%	42%	35%
TELEPHONE SURVEILLANCE 113-594-6001	$1 \times 5 \times 5 = 25$ $\begin{array}{r} 1 \\ 2 \\ 2 \\ 2 \\ 4 \\ \hline 11 \end{array}$ $\begin{array}{r} .440 \\ 25 \overline{) 11.000} \end{array}$	$1 \times 2 \times 5 = 10$ $\begin{array}{r} 0 \\ 3 \\ 3 \end{array}$ $\begin{array}{r} .300 \\ 10 \overline{) 3.000} \end{array}$	$1 \times 3 \times 5 = 15$ $\begin{array}{r} 1 \\ 2 \\ 2 \\ \hline 5 \end{array}$ $\begin{array}{r} .333 \\ 15 \overline{) 5.000} \end{array}$	$1 \times 4 \times 5 = 20$ $\begin{array}{r} 2 \\ 1 \\ 2 \\ 2 \\ \hline 7 \end{array}$ $\begin{array}{r} .200 \\ 20 \overline{) 4.000} \end{array}$
	44%	30%	33%	20%
RADIO IN- TERCOMPARISON SYSTEM 113-618-1001 2001 2001	$3 \times 5 \times 7 = 105$ $\begin{array}{r} 8 \\ 11 \\ 7 \\ 15 \\ 13 \\ \hline 56 \end{array}$ $\begin{array}{r} .533 \\ 105 \overline{) 56.000} \end{array}$	$3 \times 2 \times 7 = 42$ $\begin{array}{r} 6 \\ 11 \\ \hline 17 \end{array}$ $\begin{array}{r} .405 \\ 42 \overline{) 17.000} \end{array}$	$3 \times 3 \times 7 = 63$ $\begin{array}{r} 5 \\ 3 \\ 15 \\ \hline 23 \end{array}$ $\begin{array}{r} .365 \\ 63 \overline{) 23.000} \end{array}$	$3 \times 4 \times 7 = 84$ $\begin{array}{r} 11 \\ 5 \\ 3 \\ 9 \\ \hline 28 \end{array}$ $\begin{array}{r} .333 \\ 84 \overline{) 28.000} \end{array}$
	53%	41%	37%	33%

6

77

APPENDIX 4

OBSERVATION FORMS

The attached forms were taken to the actual training where observers recorded actual training situations and language used in the training. These forms were used to indicate the CONDITIONS for the Job Language Performance Requirements in this MOS.

MDS _____

PERSON RECORDING _____

LOCATION
(UNIT/AIT) _____

SUBJECT _____

* TASK NUMBER IF KNOWN _____

Physical Environment of Instruction

- A. Classroom
 - B. Open Areas (live firefield- mark-up terrain)
 - C. Large enclosed area (bleacher sites)
(Warehouse size)
 - D. Other
- Comments:

Styles of Communication Instructor, Verbal orders

- A. Formal Speech
 - B. Informal Speech
 - C. Regional/Ethnic
 - D. Body Language
 - E. Profanity
 - F. Shop talk/slang
 - G. Non-standard English
 - I. Other
- Comments:

Media of Instruction

- A. Films
 - B. Video cassettes
 - C. Graphic Training Aids (diagrams, etc....)
 - D. Illustrations (requiring reading/not requiring reading)
 - E. Maps
 - F. Mock-ups
 - G. Models/Aimulate
 - H. Visual equipment
 - I. Transparencies
 - J. Tape cassettes
 - K. Training Publications (required/available)
 - L. Signs/Notices
 - M. P.A. System
 - N. Normal Voice
 - O. Soldier's Manual
 - P. Chalkboard
 - Q. Other
- Comments:

Mode of Response

- A. Manipulating a piece of equipment/device
 - B. Answers (spoken - written)
 - C. Signals
 - D. Performance
 - E. Taking Notes
 - F. Teamwork
 - G. Other
- Comments:

Instructional Ratio

- A. Instructor; one-to-one/class
 - B. Peer/one-to-one
 - C. Group or Committee Group (group of instructors of whom one teaches one portion of the whole)
 - Small (12 or less)
 - Large (more than 12)
 - D. Other
 - E. Questions
- Comments:

APPENDIX 5

STRUCTURAL/LEXICAL LIST

Attached is the list of
structural and lexical items
for this MOS.
(For discussion, see Section II)

STRUCTURAL ITEMS

SENTENCE PATTERNS

SIMPLE: One subject and one predicate

1. Subject and action verb
Firer aims.
2. Subject and action verb and direct/indirect object
Many things cause burns.
3. Subject and linking verb and subjective complement
This is very important.

COMPOUND: Two or more sentences joined by:

1. Coordinating conjunction

Explain the task and ask the trainees if they understand the task, and the conditions they are expected to perform at the end of the session, the conditions under which they must operate, and the standard they must achieve.

2. Conjunctive adverb

Do not start or stop the vehicle while the radio is on or you may damage the set.

3. Semicolon

A light pressure is exerted on the driving spring when the bolt is forward; however, never attempt to cock the gun while the backplate is off and the driving spring assembly is in place.

COMPLEX: One or more dependent clauses

1. Adjectival (functions as an adjective by modifying nouns and pronouns)

At the bottom of the map you will find three different bar scales which will help you to change map distance to miles, meters, or yards.

2. Adverbial (functions as an adverb by modifying verbs, adjectives, and other adverbs) The mouth-to-nose method is performed in the same way except you blow into his nose while you pinch his lips closed with one hand.

3. Noun (functions as a noun) The person who is performing artificial respiration quickly blows into the casualty's lungs after each five compressions.

SENTENCE TYPES

1. INTERROGATIVE

(do, does, modal, wh-, tag, inverted)
But what about the other 15 meters?
Ask, "What is there?"

2. DECLARATIVE

Classified information will not be discussed over the telephone.

3. EXCLAMATORY

HALT!

4. IMPERATIVE

Issue the challenge in a soft voice and wait for the (requests, commands, second person (singular/plural, negative/affirmative), First and second person (let's)) stranger to reply with the correct password.

5. ELLIPSIS:

Split the bracket until fire for effect is possible. Most common type of ellipsis--subject deleted

6. FRAGMENT

Movement to occupy a position.
All other parts.

ADVERBIAL CLAUSES

1. PURPOSES

Training must be conducted so that at least 80% of the students can accomplish the task trained to the standards specified for the task.

2. CONTRAST

Although natural terrain features are likely not to change and make good reference points to orient a map, you may also use manmade features such as roads, bridges, etc., to orient your map.

3. COMPARISON

Place suitable material under him as well as over him if necessary.

4. RESULT

Blending is the use of camouflage materials on, over, and around an object so that it appears to be part of the background.

5. MANNER

Take deep breath and place mouth around soldier's mouth; then blow forcefully as you observe his chest.

6. TIME

When you have to go a certain distance on foot without any landmarks to guide you, you can measure distance pretty accurately by counting your paces.

Split the bracket until fire for effect is possible.

7. PLACE

Loosen clothing at neck, waist, and other places where it tends to bind.

8. CAUSE

Be careful not to depress the trigger, since this will cause the firing pin to be released.

9. ADVERSATIVE

The casualty has no fractures, but has a bleeding wound.

10. CONDITION

If it isn't, your rifle can still fire, but it could possibly explode, causing you harm.

PHRASES

1. GERUND

(upon) Hearing the correct password, give permission to pass if you have no other reasons to doubt.

2. PARTICIPIAL

Using a straightedge draw a line between the two objects.

3. INFINITIVE

To camouflage exposed skin paint the shiny areas with a dark color.

4. PREPOSITIONAL

Under certain light conditions, front sight ports can be seen, but you can't determine whether you are looking through, above, or to the side of the rear sight aperture.

LEXICAL ITEMS

ADJECTIVALS

"rifle bore cleaner"
"waste material"
"burning residue"
"semi-fixed ammunition"
"extracting/loading ammunition"
"firing hammer"
"four life-saving steps"
"chest/heart massage"
"tourniquet material"
"field material"
"field condition"
"mouth-to-mouth resuscitation"

ADJECTIVES

1. WORD + ABLE

AVAILABLE

2. COMPARATIVES

Threat main tanks are smaller than the US main battle tanks.

3. SUPERLATIVES

The most dangerous targets are those that see you, have the capability of killing you, and appear to be preparing to engage you.

PRONOUNS

1. INDEFINITE

Have someone walk the FDL (if enemy situation permits), and determine dead space (sections of FDL where individual drops below line of sight).

2. POSSESSIVE

Shake his shoulder and shout, "Are you OK.?"

3. SUBJECTIVE

This will give you correct nomenclature.

4. OBJECTIVE

It will also give you the correct functioning.

5. REFLEXIVE

Keep yourself clear of the muzzle.

811

VERBS

1. VERB TENSES

Make sure you clearly understand the task you are to teach.

--You will be tested.

--If they elect to take it, they must complete the test once they have begun the first event or else they will receive a NO GO for the entire test.

--If the soldier is breathing, mouth-to-mouth resuscitation is not necessary.

--When all 10 pebbles have been moved to the left pocket, you have traveled one kilometer.

--Have someone walk the FDL and determine dead space.

--Sensing is an instantaneous determination by the grenadier as to where the grenade exploded.

present progressive verb
present verb (uninflected, third
person, indicative)
past tense (regular/irregular)
present perfect
future

2. TYPES

intransitive
(You) train for results.

transitive
Mask the casualty.

linking
The skin becomes inflamed.

3. VOICE

active

recognize
protect
is facing
remove
explode
sounds
points out
seen

appear
seek
secure
wear
mask
stored
do require
could affect

has
must be
wipe
rinse
put brush
empty
reassemble
reinstall

85

passive

given
is protected
is sprayed

are alerted
are reported
have been corrected

are authorized
be corrected

passive+verb+ing
"task will be performed
using procedures"
modal+passive voice
"can be determined"
modal+negative+passive
"must not be eliminated"

4. MODALS

You must demonstrate, once every 6 months, that you can meet or exceed the minimum level of physical fitness required of each member of your unit in accordance with the standards contained in AR 600-9.

Personnel over the age of 40 may elect not to take the APFT. The pulse should be found in the soft area between the Adam's apple and the large muscle on the side of the neck.

Injury or death could result.

During surveillance the operator will have to adjust the range focus to get a sharp image at different ranges.

"might have to be placed"
"be"
"will be given"
"should be"
"must"
"must be"
"can"
"can be"
"may be"
"should not be"

5. AUXILIARIES

(do, does, negative)

Do not zero in under 100 meters.

If the round does not fall within 5 meters of target, zeroing procedures are called for.

86

GERUNDS

Sensing is an instantaneous determination by the grenadier as to where the grenade explodes with respect to the target.

INFINITIVES

To fire, hold the M16A1 in the rest with your right shoulder firmly against the weapon's butt plate.

ADVERBS +

1. SUPERLATIVE

When such a line of fire exists, the primary sector will be assigned, based on it, with the FDL being the sector limit closest to the friendly troops.

2. INDEFINITE

The launcher has a heavy coat of oil on working parts, and a light coat of oil elsewhere.

3. FREQUENCY

Apply a little graphite grease to the threads of the antenna section for easy removal and to prevent the sections from seizing if they have been rarely removed.

4. OTHER

Assembly procedure for the grenade launcher merely reverses disassembly steps.

5. COMPARATIVE

The care, cleaning, lubrication and adjustment of the mount used with the gun are no less important.

VERBS AND PREPOSITIONS

Line up the key in the receptacle with the slot in the cable connector.

VERBS AND ADVERB (particles)

Put on the protective mask within nine seconds of the chemical alarm and remain in the contaminated area for at least two minutes without making further adjustments to the mask.

APPENDIX 6

VOCABULARY (DLIELC IN-HOUSE)

The following vocabulary list was extracted from the Soldier's Manual task by task and then categorized into GENERAL, BASIC AND TECHNICAL vocabulary.

NOT APPLICABLE

REF: On 15 MAY 1981 agreement between
TRADOC and DLIELC was reached
that DLIELC In-House Vocabulary
would not be produced for this
MOS.

APPENDIX 7

Appendix 7 is the machine-generated vocabulary list. It was not useful for our purposes. It is included as a vocabulary reference.

45C

SKILL 2

MCRC FRCY DISTRIBUTION 1-275 1-15

1
14
4
4
2
1

1
1
1
1
1

1
1
1
1
1

1
3
1
3
1

2
3
1
1
1

2
1
12
10
1

2
20
2
1
1

1
1
2
1
1

1
1
2
1
1

1
1
1
1
2

91

Jan 2

3 ADVISE
2 AFFECT
4 AFTER
2 AG
2 AGAINST

1 AGENCY
4 ATO
1 ATR
41 ALL
1 ALLIED

2 ALLOW
2 ALONG
2 ALTERNATE
1 AMPLIFIER
13 AN

1 AN/ERC-53
12 AN/GRA-35
2 AN/GRA-39A
2 AN/GRA-39B
4 AN/GRA-50

13 AN/GRA-6
1 AN/GRA-7L
2 AN/GRC-L06
2 AN/GRC-L06A
1 AN/GRC-L22

4 AN/GRC-L42
1 AN/GRC-L60
6 AN/GRC-L06
1 AN/GRC-L09
3 AN/GRC-L22

2 AN/GRC-122A
2 AN/GRC-122B
1 AN/GRC-125
7 AN/GRC-142
1 AN/GRC-142/122

4 AN/GRC-142A
1 AN/GRC-15
12 AN/GRC-260
5 AN/GRC-260
1 AN/GRC-46

2 AN/GRC-46A
13 AN/GRC-46B
1 AN/GRC-46C
1 AN/GRC-L06
1 AN/GRC-L42

26

1	AN/GRC-142
2	AN/GFC-142B
1	AN/GRC-46
1	AN/GSA-T
5	AN/GSA-7
2	AN/PRC-25
1	AN/PRC-74
7	AN/PRC-77
1	AN/VRC
5	AN/VRC-12
4	AN/VRC-12
2	AN/VRC-29
3	AN/VPC-46
1	AN/VRC-53
1	AN/VFC-64
7	AN/VSC-2
2	ANALYZE
336	AND
1	AND/OR
1	ANG6PC-142
1	ANNOUNCEMENT
3	ANSWER
3	ANSWERING
23	ANTENNA
2	ANTENNAS
13	ANY
1	APPLICABLE
2	APPENDIX
42	APPLICABLE
3	APPLIED
11	APPROPRIATE
1	APPROVED
1	APR
16	AR
1	AR'S
71	ARE
1	AREA
2	AREAS
26	ARMY
1	ARNG
1	AROUND
1	ARRANGE
1	ARRANGEMENT
41	AS
1	ASSEMBLED

1 ASSEMBLY
8 ASSIGNED
9 ASSIST
11 ASSISTANCE
2 ASSOCIATED

16 AT
1 ATTN
1 ATZMO-A
3 AUDIO
1 AUDIO-VISUAL

5 AUG
6 AUTHENTICATE
1 AUTHENTICATED
9 AUTHORIZED
2 AUTOMATED

2 AUTOVON
2 AUXILIARY
14 AVAILABLE
2 AVOID
1 AWAY

1 AZIMUTH
70 B
1 B-1
2 B-7
1 BACK

2 BALTIMORE
2 BASE
4 BASIC
1 BASKETS
2 BATTERIES

1 BATTERY
62 BE
58 BEEN
1 BEFFER
2 BELFIRE

36 BEING
10 BELCH
1 BENEATH
1 BEPAARD
6 RES.

1 BETTER
7 BETWEEN
2 BIOLOGICAL
1 BLANK
12 BOCK

AD-A121 159

JOB LANGUAGE PERFORMANCE REQUIREMENTS FOR MOS 85C RADIO
TELETYPE OPERATOR... (U) DEFENSE LANGUAGE INST LACKLAND
AFB TX ENGLISH LANGUAGE CENTER.. 14 JUL 78

272

UNCLASSIFIED

F/G 5/9

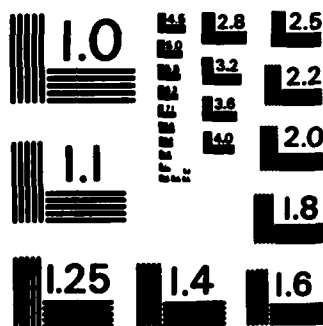
NL

END

FILMED

14

DTIC



MICROCOPY RESOLUTION TEST CHART
NATIONAL BUREAU OF STANDARDS - 1963 - A

2 BOCKS
2 RUTH
1 NGTCH
2 BOULEVARD
1 BRANKS

2 BREMS
1 BRIDGE
1 BRITFD
1 BRICADIER
2 BRIGSIDE

1 BUILDINGS
2 BULLETIN
1 BURNS
1 BUT
1 BY
1 30

42 C
2 CABLE
3 CARLES
1 CALENDAR
6 CALL

3 CALLING
1 CALLS
4 CAMOUFLAGE
9 CAN
2 CANNOT

3 CANS
1 CAPABLE
1 CAPTEP
6 CENTER
14 CFT

2 CENT'S
2 CERTIFY
1 CHAIN
1 CHALLENGE
1 CHANGE

1 CHARGED
2 CHANGES
38 CHAP
1 CHARACTERISTICS
6 CHAPT

4 CHARTS
100 CHECK
5 CHECKED
2 CHECKING
21 CHECKS

55 ✓

2 CHEMICAL 1 CHEMICAL-BIOLOGICAL

4 CHIEF

1 CHIPS

1 CIRCUIT

1 CIRCULARS

4 CLASSIFIED

1 CLETO

1 CLESCANCE

1 CLIFF

2 CLOSE

1 CLOSED

3 CLOSING

1 CLOSURE

8 CODE

1 CODER-BURST

1 CODEC

1 COLER

1 COMBAT

1 CONE

1 CONFERABLE

2 CONVAID

3 COMMANDER

1 COMMENTS

2 COMPM

23 COMMUNICATION 31 COMMUNICATIONS 3 COMMUNICATIONS-ELECTRONIC

1 COMPASS

1 COMPLETE

13 COMPLETED

1 COMPLETING

1 COMPLYING

1 COMPLET

2 COMPLEMENTS

1 CONSEC

6 CONEALMENT

1 CONJECT

2 CONDITION

24 CONDITIONS

1 CONDUCT

1 CONFIGURATION

1 CONJECT

7 CONNECTED

5 CONNECTIONS

CONNECTORS

CONSIDERATIONS

CONTACT

CONSTRUCTION

CONSULT

CONTACT

CONTAINED

CONTINUING

CONTROL

COUNCIL

CONVERSATIONS

COILED

COLOCATE

COORDINATES

COPIES

CORRECT

CORRECTABLE

CORRECTED

CORRECTING

CORRECTIONS

CORRECTLY

CORRESPONDENCE

CORRUPTION

COURT

COUNTERINTELLIGENCE

COUPSES

COVER

COVERED

CPACS

CRESTS

CRITERIA

CTP

CURRENT

CUT

CW

CR-7474/U

D

DA

DAILY

DAMAGE

DO

DEC NOED

DECNOED

DECONTAMINATION

DEEP

2	DEFENSE
13	DEFICIENCIES
1	DEFILED
1	DEGREES
1	DELIVERED
1	DELIVERY
6	DEPARTMENT
5	DEPT
1	DESCRIBED
1	DESIGNED
1	DESTRUCTION
12	DETERMINE
2	DETERMINED
10	DEVELOPED
1	DEVICE
7	DID
2	DIESEL
2	DIRECT
5	DIRECTED
1	DIRECTION
1	DIRECTLY
1	DISAGREE
2	DISCIPLINE
1	DISTANCE
2	DISTANT
1	DISTRIBUTION
6	DO
3	DO
1	DOCTOR
1	DONES
1	DOWN
1	DOWN
2	DOWN
7	DOWN
1	DOWN
1	DRAFT
1	DRAFTING
4	DRAWN
1	DRAW
1	DRAWING
7	DS
1	DUE
4	DURING
2	DUTIES
2	DUTY

9

1	EACH
2	EASTERN
3	ECAP
4	EFFICIENCY
5	EFFICIENTLY
6	EQUIPMENT
7	ELECTRICAL
8	ELECTROSMETIC
9	ELECTRIC
10	ELECTRONICS
11	EMERGENCY
12	EMPLOY
13	EMPLOYED
14	ENCLOSURE/DECODE
15	ENCODED
16	END
17	ENDING
18	ENEMY
19	ENGINE
20	ENGINEERED
21	ENLISTED
22	ENTER
23	ENTERED
24	ENTRANCE
25	EQUIPMENT
26	EXACTURES
27	EXACT
28	EXACTED
29	EXECTION
30	EXPERCS
31	ESC
32	ESC-1
33	ESC-2
34	ESPECIALLY
35	ESTABLISH
36	ESTABLISHED
37	ESTABLISHING
38	EVALUATED
39	EVALUATION
40	EVALUATIONS
41	EVENT
42	EXAMPLE
43	EXCEED
44	EXTEND

1	EXTENSION
1	EXTERNAL
1	EYE
10	F
4	FACILITY
4	FAMILIAR
6	FAULTS
1	FED
1	FELL
27	FIELD
1	FIELDS
6	FIG
7	FIGURE
2	FILLED
1	FILL
4	FILLED
1	FILLING
1	FIMM
4	FIND
1	FINDING
1	FINISH
1	FIGURE
1	FIRE
3	FIRST
1	FITNESS
1	FLON
75	F ⁴
5	FML-09C1/2
6	F411-09C1/2
1	F ⁴
3	FILC
1	FOLIAGE
2	FOLLO
1	FOLLOWED
6	FOLLOWING
1	FOLLOWS
112	FOY
64	FURN
5	FORMAT
2	FORMS
1	FORMULA
2	FOUR
1	FURNISHED
7	FOUND
1	FOUNDATION

2 PONG
2 SPARE
2 SPARE
2 FREE
1 FREQUENCIES

9 FREQUENCY
17 FROM
3 FT
3 FUEL
1 FUNCTIONS

3 6
1 GA
11 GASOLINE
6 GASOLINE
2 GAUGES

3 GENERAL
9 GENERATOR
2 GET
1 GIVE
1 GLANCE

3 GO
1 GOING
5 GOLF
2 GOLF
1 GRAPE

1 GREENWICH
2 GRID
1 GRID
4 GROUNDING
32 GROUP

3 GROUPS
4 GS
1 GUARD
1 GUIDE
1 H

1 HALF
1 HALF
4 HANDBOOK
2 HANDLING
1 HANDSETS

30 HAS
55 HAVE
1 HAVING
2 HEADING
4 HEADQUARTERS

10

1	HEALTH
1	HEAVILY
5	HELP
1	HEPE
4	HIGH
3	HIGHER
1	HIGHWAYS
1	HILL
1	HIM
1	HIS
1	HOURS
2	HON
2	HYL-3/7SEC
22	I
1	IDEA
1	IDEAS
1	IDENTITY
1	IDLING
8	IF
22	II
8	III
4	INC
1	INI
1	INITIATE
2	IMPLEMENTATION
1	IMCSE
1	IMPCSED
3	IMPROVE
1	IMPROVING
80	IN
3	INCLUDE
1	INCLUDED
5	INCLUDING
3	INCORPORATING
2	INDEX
1	INDEXES
1	INDICATE
1	INDICATED
2	INDIVIDUAL
1	INDIVIDUALS
2	INFORM
1	INFORMATION
3	INFORMATION
1	INITIAL
2	INITIATED

1 INITIATING
 4 INQUIRIES
 17 INSPECT
 18 INSPECTED
 1 INSPECTING
 10 INSPECTION
 2 INSTALL
 16 INSTALLATION
 1 INSTALLATIONS
 13 INSTALLED
 1 INSTALLING
 1 INSTANCES
 2 INSTRUCTION
 13 INSTRUCTIONS
 2 INSULATION
 46 INSURE
 4 INSURED
 3 INSURING
 8 INTEGRATION
 2 INTERCEPTION
 2 INTERCOMSECTION
 1 INTERFERENCE
 2 INTERMEDIATE
 1 INTERNAL
 7 INTERNATIONAL
 2 INTERROGATION
 1 IMTC
 4 INTRODUCTION
 2 INTRUSION
 54 IS
 7 IT
 2 ITP
 10 IV
 1 IX
 2 J
 2 JAN
 6 JAPPING
 5 JON
 11 JUL
 1 JULY
 2 JUN
 4 KEVEN
 1 KNEW
 1 KACNING
 1 KNOWN

2	RV	
20	L	
1	L-P	
1	LANGUAGE	
1	LEAD	
1	LEAD-IN	
1	LEAST	
2	LEAVE	
1	LEAVING	
1	LEFT	
1	LEFT-HAND	
1	LEG	
2	LENGTH	
1	LESSON	
2	LESSONS	
2	LETTER	
11	LEVEL	
1	LIFT	
4	LINE	
1	LINE-OF-SIGHT	
2	LINES	
9	LIST	
6	LISTED	
3	LISTENING	
6	LISTS	
1	LL-CSC-72	
1	LL-CSC-3	
1	LL-CSC-4	
1	LL-4	
1	LL-2135-15	
2	LL-5038	
1	LL-5038-CSC	
1	LL-5038-C-300-L2	
1	LL-5038-224-LU	
1	LL-5038-245-LU	
1	LL-5038-247-LU	
1	LL-5038-247-L0	
1	LL-5038-247-E3C	
1	LL-5038-247-L0	
1	LL-5038-247-L0	
1	LL-5038-247-E3C	
1	LL-5038-247-L2	
1	LL-5038-247-L0	
3	LL-5038-247-L0	
1	LL-5038-247-L0	
3	LL-5038-247-L2	
2	LL-5038-247-L2	

1	LSNU	
4	L72	
1	L74	
3	L77	
1	L9	
1	L970	
1	MAACEMENT	
1	MADE	
1	MAIL	
1	MAILBOX	
1	MAIN	
4	MAINTAIN	
10	MAINTAINED	
9	MAINTAINING	
125	MAINTENANCE	
3	MAJCH	
1	MAKE	
1	MAFUNCTIONS	
1	MAN-MADE	
1	MANAGE	
9	MANAGEMENT	
7	MANPOWER	
65	MANUEL	
1	MANUALL	
8	MANUALS	
2	MAP	
1	MAPS	
1	MAR	
1	MARSHMANSHIP	
3	MASK	
1	MASHING	
5	MAST	
3	MASTS	
24	MATERIAL	
8	MAY	
1	MAZE	
2	MD	
1	MEACOMING	
1	MEANS	
1	MEASURE	
24	MEASURES	
1	MEDIA	
1	MEMBER	
17	MESSAGE	
13	MESSAGES	

1 MESSAGES

2 PASSENGER

2 EPS

5 NIJI

1 MILES

2 MILITARY

2 MILITARY

1 MILITARY

1 MILITARY

9 MODE

10 MODES

1 MODIFICATION

3 MODULE

7 MODULES

1 MOST

3 MONITOR

1 MONTHLY

4 MONTHLY

2 MORE

7 MORSE

1 MOS

2 MUST

1 MOUNTAIN

4 MOUNTED

1 MOUNTINGS

2 MUST

2 MUST

1 MOUNTS

1 MOUNTS

1 MOUNTS

3 NAME

4 NAME

1 NAME

1 NAME

21 NAME

1 NAME

1 NAME

5 NAME

3 NAME

2 NAME

32 NAME

2 NAME

5 NAME

2 NAME

2 NAME

127

17	NO
22	NORPALLY
11	NOT
4	NOTE
5	NOV
2	NUCLEAR
6	NUMBER
3	NUMBERS
1	O
1	OA-3623A/GRC
1	U-3633/GRC
1	OBSERVANCE
1	OBSERVED
1	ORSTRUCTIONS
7	OR'AIN
1	ORTAINED
1	OCCUPATIONAL
1	OCCUPANCES
1	DETERMINE
1	DEVELOPED
167	OF
2	OFF
1	OFFICIAL
1	OIL
1	DIRECTED
29	ON
2	ONCE
1	ONCCHING
6	ONE
7	ONLY
1	ONDISPR
4	OPEN
1	OPENING
1	OPERAFED
2	OPERATE
7	OPERATED
16	OPERATING
69	OPERATION
8	OPERATIONAL
11	OPERATIONS
19	OPERATER
1	OPERATER/CREW
54	OPERATORS
14	OPERATORS
1	OPINION

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63 OR
ORDER
ORDERS
ORGANIZATION
61 ORGANIZATIONAL

4 OTHER
2 OTHERS
1 OTHERWISE
4 CUA
4 OUT

5 OUTGING
2 OVER
1 OVERALL
1 OWN
7 PAGE

35 PAGES
11 PAM
1 PAMPHLETS
30 PIRA
2 PARAGRAPH

79 PART
8 PARTS
2 PASS
1 PATROLLING
1 PENNINGTON

6 PERFORM
30 PERFORMANCE
31 PERFORMED
4 PERFORMING
1 PERIOD

1 PERIODS
5 PERMISSION
1 PERSON
9 PERSONNEL
1 PERSONS

3 PERTINENT
1 PHASE
3 PHYSICAL
1 PIECE
2 PLACE

1 PLAIN
5 PLAN
2 PLANNING
1 PLATES
1 PLATOON

3	PLEASE
1	PLIMINARY
2	PLINTS
1	PLICY
1	PORTION
1	POSING
3	POSITION
1	POSTINGS
1	POSSESS
3	POSSESSION
2	POSSIBLE
1	POSTAGE
5	POWER
1	PRACTICAL
1	PRE-SETS
1	PREADRESSED
1	PREARRANGED
5	PRECEDENCE
1	PREFER
5	PRELIMINARY
1	PREOPERATIONAL
13	PREPARATION
2	PREPARE
4	PREPARED
14	PREPARING
1	PRESCRIBED
2	PRESENCE
5	PRESENT
1	PRESET
2	PRESETS
1	PRESETTING
1	PREVENTING
14	PREVENTIVE
14	PRIMARY
1	PRINCIPLES
2	PRINTED
4	PRINT
27	PRODUCE
25	PROCEDURES
1	PROCEED
7	PROCESSING
7	PROGRAM
1	PROMOTION
6	PROPER
33	PROPERLY

1 PRESIGNS
 1 PROTECTION
 1 PROVIDE
 1 PROVIDED
 1 PREVISIONS
 1 PRINOPS
 1 PUBLICATION
 6 PUBLICATIONS
 1 PURPOSE
 3 PUSH-TC-TALK
 2 QUALIFIED
 1 QUARTER
 3 QUESTICHAIRE
 191 RADIN
 1 RADIO-WIRE
 1 RADIOLOGICAL
 16 RADIO-TELEGRAPH
 9 RADIO-TELEPHONE
 35 RADIO-TELETYPE
 1 RADIO-TELETYPE-ARTER
 1 RAISING
 1 RANK
 1 RATING
 1 RATIONS
 4 RATT
 1 RAVINE
 1 REACILY
 2 REACINESS
 1 READING
 1 REASON
 1 RECEIPT
 1 RECEIVE
 5 RECEIVED
 1 RECEIVER-TRANSMITTER
 2 RECEIVING
 1 RECLASSIFICATION
 1 RECOGNITION
 1 RECOGNIZE
 1 RECOMMENDED
 9 RECPD
 10 RECORDED
 1 RECODING
 3 REF
 69 REFER
 3 REFERENCE

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17 REFERENCES
1 REFLECTED
1 REGULATION
5 REGULATIONS
1 REINFORCED

1 RELATE
1 RELATED
1 RELATIVELY
1 RELICUED
9 REMOTE

1 REMOVE
1 REMEDY
1 REMEDY
5 REPAIR
1 REPETITION

2 REPETITIONS
1 REPLACED
1 REPLACEMENT
1 REPLY
1 REPT

10 REPORTED
1 REPORTING
30 REPORTS
12 REQUEST
1 REQUESTING

4 REQUESTS
30 REQUIRED
1 REQUIREMENT
11 REQUIREMENTS
1 REQUIRING

1 REQUISITION
1 REQUISITIONED
3 RESERVING
1 RESPONSE
3 REVIEW

1 REFERENCES
4 RIFLE
1 RINC
1 RIGATS
1 ROGERS

15 RT
4 RTP
2 RTT
1 RTZ
1 RUBBER

1 RUNOFF
7 ANT
1
1 SAFEGUARDED
1 SAFEGUARDING
1
1 SAFETY
1 SAME
1 SAMPLE
1 SANDY
2 SN
6 SB-22
2 SB-22/PT
0 SA-22A/PT
1 SB22/PT
1 SB22A/PT
3 SCHEDULES
21 SEC
1 SECRETARY
7 SECTION
7 SECURITY
5 SELECT
6 SELECTED
1 SELECTING
1 SENDING
1 SENT
2 SEP
2 SEPARATE
2 SEGEANT
4 SERIAL
10 SERIES
1 SERVICE
1 SERVICE-----
17 SERVICEABILITY
2 SERVICED
15 SERVICES
141 SET
22 SETS
1 SETTING
1 SETTINGS
1 SHEET
1 SHEET/LOG
1 SHEETS
3 SHIFT
9 SHOULD
1 SHOW

4 SHOWN
1 SIDE
1 SIG
3 SIGNAL
1 SIGNALING

2 SIGNALS
1 SIGNALING
4 SIGAS
4 SILENCE
1 SIMULATE

2 SINGLE
3 SITE
2 SITES
6 SITING
1 SKID

1 SKILL
1 SKIP
1 SLIGHTLY
1 SLOPE
3 SC

2 SOIL
4 SOJT
2 SOLDIER
2 SOLDIER'S
4 SOLDIERS

2 SOME
1 SOMETHING
1 SOMETIMES
7 SOP
2 SOP'S

7 SPECIAL
1 SPECIALTIES
1 SPEND
2 SPCY
1 SPOTCHECK

2 SQUELCH
11 SSO
2 SSO
1 SSS
1 SSS712

1 SS9735
1 SS9740
2 STAFF
13 STANDARD'S
3 STAPLE

3 START
1 STARTED
1 STARTING
#STATES
2 STATION
7 STATION/NET
2 STATIONS
3 STATUS
2 STEEL
7 STOPPING
2 STORAGE
2 STRECH
1 SUBMISSION
20 SUBMIT
7 SUBMITTED
1 SUMMITTING
1 SURSCPIER
1 SURSTATION
5 SURSTATIOMS
1 SUNSTITUTE
1 SUFFICIENT
2 SUGGESTIONS
1 SUPERVISING
11 SUPERVISION
6 SUPERVISOR
2 SUPPLEMENT
2 SUPPLY
9 SUPPORT
1 SUPPORTING
1 SURE
1 SURFACE
1 SUSPECTED
2 SWITCH
7 SWITCHBOARD
10 SYSTEM
3 SYSTEMS
3 TABLE/CHART
1 TACTICAL
1 TAKE
1 TAKING
14 TAPMS
47 TASK
4 TASKS
2 TH
10 TC

1	TC-31-4
1	TC32-11
12	TEAM
3	TCC
4	TECHNICAL
10	TECHNIQUES
1	TELEGRAPH
3	TELEPHONE
2	TELEPRINTER
9	TELETYPEWATER
1	TENSION
1	TERMINALS
1	TERMINATING
2	TEST
1	TESTING
4	TESTS
2	TEXT
1	THANK
77	THAT
201	THE
1	THEIR
4	THERE
3	THESE
7	THEY
41	THIS
9	THOSE
1	THREE
9	THROUGH
62	THRU
1	TIED
1	TIGHTNESS
1	TILT
7	TIME
2	TIMES
4	TIPS
3	TITLE
136	YN
3	YMS
211	YO
1	TOGETHER
4	TOOL
1	TOOLS
1	TOPS
9	TRAFFIC
5	TRAILER

1 TRAINERS
 1 TRAINING
 1 TRANSMISSION
 1 TRANSMITTED
 1 TRANSMITTING
 1 TRAVELED
 1 TRACP
 2 TPDUALE
 4 TPDUALES
 1 TSEC/KY-28
 5 TSEC/KY-28
 4 TSEC/KY-8
 1 TT
 1 TT-523 AGC
 1 TT-523 AGC
 24 TTY
 1 TUMUAR
 1 TUNED
 6 TUNING
 1 TUNNEL
 25 TVR
 2 TYPE
 1 TYPES
 1 UNCLIFAR
 3 UNCCFFECTABLE
 1 UNCCPREDCT
 15 UNDOF
 1 UNDEL. PASS
 1 UNDEFSTANDING
 20 UNIT
 1 UNIT/STATION
 2 UNITED
 2 UNITS
 1 UNLESS
 1 UNLCACTING
 1 UNOFFICIAL
 1 UNUSUAL
 4 UP
 6 UPCA
 1 URGENT
 5 US
 1 USAR
 5 USE
 13 USFO
 1 USEFUL

1	USER
23	USING
2	UTILIZE
1	UTILIZED
1	UTILIZING
7	V
2	VALID
2	VEHICLE
1	VEHICULAR
1	VERB
2	VERIFICATION
3	VI
2	VII
2	VIII
1	VIOLATED
3	VISUAL
1	VITAL
4	VOIC
6	VOICE
1	V
1	W-L
1	W-1
12	W/C
3	WAPFARE
1	WAPFED
1	WAS
2	WATER
1	WAVE
1	WAY
2	WD-1/TT
1	WE
11	WEATHER
4	WEFKLY
1	WEIGHT
1	WELFARE
1	WELL
1	WEPE
5	W-MAT
1	WHEELED
24	WHEN
2	WHENEVER
6	WHICH
1	WHO
1	WHY
38	WILL

1	WILL
14	OF
12	GM
6	WITHIN
2	WITHOUT
2	WORK
7	WORKSHEET
3	WOULD
1	WITTING
2	X
1	XI
24	YES
84	YOU
49	YOUR
1	YOUR-OS
2	YOURSELF

01 0451 TWO SINT PM
WER0551 INSERT 1276, DELETE 1276
WER0551 DATA BIAS = 00
WER1241 TEK OVER-ALLCC FACTOR= PRIM/USED=028
WER0551 PC IN LUT
WER1591 TPF'S APPLIED 1234
WER0521 END SYNCSONY OPT= M, TMR0207, DUMP

UNPCTU1 011 0085/800325 1942 FAST RETRIEVAL NO DATA MANIPULATION

...05...10...1...20...25...30...35...40...45...50...55...60...65...75...80...85...90...95...100...105...110...

HEADER1 OUT=0,CON=WORD FREQUENCY DISTRIBUTION

HEADER2 OUT=00,CON=WORD FREQUENCY/WORD

HEADER3 OUT=02,CON=WORD FREQUENCY/WORD

HEADER4 OUT=05,CON=WORD FREQUENCY/WORD

HEADER5 OUT=10,CON=WORD FREQUENCY/WORD

HEADER6 OUT=1,CON=

MOVE IN=1,OUT=33,LEN=5

MOVE IN=2,OUT=30,LEN=5

MOVE IN=4,OUT=8,LEN=25

READ SYSUT1

MOVE IN=1,OUT=33,LEN=5

MOVE IN=6,OUT=40,LEN=25

READ SYSUT1

MOVE IN=1,OUT=33,LEN=5

MOVE IN=6,OUT=72,LEN=25

READ SYSUT1

MOVE IN=1,OUT=36,LEN=5

MOVE IN=6,OUT=103,LEN=25

WRITE SYSUT2

CNMCODE 78 EOCODE 0 CONSTANTS 0 FULLWORDS 0 RETURN 0

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PAGE NO 2 TYPE RECORDS

00,**05**,**10**,**15**,**20**,**25**,**30**,**35**,**40**,**45**,**50**,**55**,**60**,**65**,**70**,**75**,**80**,**85**,**90**,**95**,**100**,**105**,**110**.

JERMANE=THET0207 STEP=NEWLIST STEP=

DDMA4E=SYSPRINT UNIT=643

NAME - SYSTU1 UNIT=341

UNITS = 649 UNIT = 649

D:\NAME=SYS14 UNIT=612

DSN=TME, WCRD, CNT

QSN=SYS00A5,T161908,RV000,THER02D7,R0002764

SEAL-033308

SER=

SYSUT2 INPUT	SYSUT2 OUTPUT	SYSUT3 OUTPUT	SYSUT4 OUTPUT
LRECL	1276	319	0
	30	133	0
BLKSIZE	6420	133	0
		BLKSIZE	BLKSIZE

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FREQUENCY/DISTRIBUTION

FREQUENCY/WORD

FREQUENCY/WORD

336 AND	211 TO	201 THE	181 RADIO
167 OF	141 SET	138 TM	125 PATENTANCE
122 A	112 FOR	100 CHECK	84 YOU
80 IN	79 PART	77 THAT	75 FM
73 EQUIPMENT	71 ARE	70 R	65 OPERATION
69 REFER	68 OR	66 INSURE	65 MANUAL
62 WE	62 TIME	58 BEEN	58 IS
55 HAVE	54 OPERATOR'S	49 YOUR	47 TASK
46 DA	44 FORM	42 APPLICABLE	42 C
41 ALL	41 AS	41 ORGANIZATIONAL	41 THIS
38 CHIP	38 PARA	38 WILL	36 MEING
35 PILES	35 RADIO TELETYPEWRITER	33 D	33 PROPERLY
32 CONTROL	32 GROUP	32 NET	32 WITH
31 PERFORMED	31 TRAINING	30 BY	30 HAS
30 PERFORMANCE	30 REPORTS	30 REQUIRED	29 GENERATOR
29 ON	28 L	28 UNIT	27 FIELD
27 PROCEDURE	27 STATION	26 ARMY	25 PROCEDURES
25 TVR	24 CONDITIONS	24 MATERIAL	24 MEASURES
24 TTY	24 WHEN	23 ANTENNA	23 COMMUNICATION
23 USING	22 I	22 II	22 SETS
21 CHECKS	21 MCS	21 SEC	20 ACP
20 SUMMARY	19 OPERATOR	19 STARTING	18 INSPECTED
19 SYSTEM	17 CRITERIA	17 FROM	17 INSPECT
17 LCG	17 MESSAGE	17 NO	17 REFERENCES
17 SERVICEABILITY	16 AR	16 AT	16 INSTALLATION
16 OPERATING	16 RADIO TELEGRAPH	15 ESC	15 LOCATION
15 RT	15 SERVICES	15 SITE	15 UNDER
14	14 AVAILABLE	14 CECI	14 CORRECT
14 OPERATORS	14 ORDER	14 PREPARING	14 PREVENTIVE
14 PRIORITY	14 TAMS	14 WIRE	14 YES
13 AM	13 AN/GR-6	13 AN/GR-46B	13 ANY
13 COMPLETED	13 CORRECTLY	13 DEFICIENCIES	13 INSTALLED
13 INSTRUCTIONS	13 MESSAGES	13 PREPARATION	13 STANDARDS
13 USED	12 ACCORDANCE	12 AN/GR-39	12 AN/GR-26D
12 BOOK	12 DETERMINE	12 LOCAL	12 NORMALLY
12 REQUEST	12 TEAM	12 W/C	12 APPROPRIATE
11 ASSISTANCE	11 COMMUNICATIONS	11 GARRISON	11 JUL
11 LEVEL	11 NOT	11 OPERATIONS	11 PAM
11 REQUIREMENTS	11 SSC	11 SUPERVISION	11 WEATHER
10 ACCOUNTING	10 BELOW	10 DEVELOPED	10 F
10 INSPECTION	10 IV	10 MAINTAINED	10 MODES
10 RECORDED	10 REPORTED	10 S	10 SERIES
10 TC	10 TECHNIQUES	9 AUTHORIZED	9 CAN
9 CORRECTED	9 E	9 EACH	9 EVALUATION
9 FREQUENCY	9 LIST	9 MAINTAINING	9 MANAGEMENT
9 MODE	9 PERSONNEL	9 RADIO TELEPHONE	9 RECCRO
9 REMOTE	9 SHOULD	9 SUPPORT	9 TELETYPEWRITER
9 TMSF	9 THROUGH	9 TRAFFIC	8 C
8 ASSIGNED	8 CODE	8 CONTROLS	8 CURRENT
8 DAILY	8 FAULTS	8 F411-05C1/2	8 FOLLOWING

2	GAJLINE	0	GROUNDING	0	IF	8	111
3	INTEGRATION	3	MANUALS	3	MAY	8	OPERATIONAL
4	OUT	0	PARTS	0	SW-22A/PT	7	AN/GRC-142
7	AN/PRC-77	7	AN/VSC-2	7	BETWEEN	7	CONNECTED
7	DID	7	DOUBLET	7	DS	7	FIGURE
7	FOUND	7	INTERIATIONAL	7	IT	7	MODULES
7	MORSE	7	CHAIN	7	ONLY	7	OPERATED
7	PAGE	7	PROCESSING	7	PROGRAM	7	RWI
7	SECTION	7	SECURITY	7	SOP	7	SPECIAL
7	STATION/NET	7	STOPPING	7	SUBMITTED	7	SWITCHBOARD
7	THEY	7	TIME	7	TRANSMISSION	7	V
7	WORKSHEET	6	A/GRC-106	6	AUTHENTICATE	6	PEST
6	CALL	6	CENTER	6	CHART	6	CONCEALMENT
6	CH	6	DEPARTMENT	6	DO	6	ENGINE
6	FIG	6	JUNING	6	LISTED	6	LISTS
6	L23	6	NUMBER	6	ONE	6	PERFORM
6	PROPER	6	PUBLICATIONS	6	SB-22	6	SELECTED
6	SITING	6	SUPERVISOR	6	TUNING	6	UPON
6	VOICE	6	WHICH	6	WITHIN	5	AN/GRC-260
5	AN/GSA-7	5	AN/VRC-12	5	AUG	5	CHECKED
5	CONFECTIONS	5	COVER	5	DEPOT	5	DIRECTED
5	ELECTRICAL	5	ENTERED	5	ENTRANCE	5	FM-05C1/2
5	FORMAT	5	GOOD	5	HELP	5	INCLUDING
5	JUN	5	LOCATED	5	HAST	5	PIJI
5	MORALE	5	NEED	5	NETTING	5	MOV
5	OUTGOING	5	PERMISSION	5	PLAN	5	POWER
5	PRECEDENCE	5	PRELIMINARY	5	PRESENT	5	PROVIDED
5	RECEIVED	5	REGULATIONS	5	REPAIR	5	SELECT
5	SUBSTATIONS	5	TRAILER	5	TSEC/KY-38	5	US
5	USE	5	WHAT	4	J	4	AFTER
4	AID	4	AN/GRA-50	4	AN/GRC-142	4	AN/GRC-142A
4	CHIEF	4	BASIC	4	CANDUFLAGE	4	CHARTS
4	ENEMY	4	CLASSIFIED	4	DRIVEN	4	DURING
4	FIND	4	FACILITY	4	FAMILIAR	4	FILLED
4	HIGH	4	GS	4	HANDBOOK	4	HEADQUARTERS
4	KEYED	4	INC	4	INSURED	4	INTRODUCTION
4	L25	4	LINE	4	LOI	4	LO
4	MONTILY	4	L35	4	L72	4	MAINTAIN
4	OPEN	4	MOUNTED	4	NHC	4	ACTE
4	PRIOR	4	OTHER	4	PERFORMING	4	PREPARED
4	PTJ	4	RATT	4	REQUESTS	4	RIFLE
4	SILENCE	4	SERIAL	4	SHOWN	4	SIGAS
4	TECHNICAL	4	SOJT	4	SOLDIERS	4	TASKS
4	TOOL	4	TESTS	4	THERE	4	TIPS
4	VOCU	4	TROUBLESHOOTING	4	TSEC/KY-8	4	UP
3	ABOVE	3	WEEKLY	3	AD-L55	3	AR-155/U
3	AN/VRC-46	3	ADVISE	3	AN/GRC-L06	3	AN/GRC-122
3	AUDIO	3	ANSWER	3	ANSWERING	3	APPLIED
3	CLOSING	3	CABLES	3	CALLING	3	CANS
		3	COMMANDER	3	COMMUNICATIONS-ELECTRONI	3	CONSULT

DATE 0005 1942

WORD FREQUENCY DIST TION

FREQUENCY/WORD

FREQUENCY/WORD

FREQUENCY/WORD

3	CONTACT	3	COURSES	3	DO	3	COG
3	ECCN	3	ENTER	3	ERECTOR	3	FIRST
3	FOLD	3	FT	3	FUEL	3	G
3	GENERAL	3	GO	3	GROUPS	3	HIGHER
3	IMPROVE	3	INCLUDE	3	INCHING	3	INFORMATION
3	INSUPING	3	LISTENING	3	LL-5820-256-L0	3	LL-5820-40L-12
3	LO5-3L	3	L24	3	L27	3	L77
3	MAJNR	3	MASK	3	MASTS	3	PCDIFICATION
3	MCULTOR	3	NAME	3	NEEDED	3	APPEERS
3	ORDERS	3	PERTINENT	3	PHYSICAL	3	PLEASE
3	POSITION	3	POSSESSION	3	PROVIDE	3	PUSH-TO-TALK
3	QUESTIONNAIRE	3	REF	3	REFERENCE	3	RESPONDING
3	REVIEW	3	SCHEDULES	3	SHIFT	3	SIGNAL
3	SO	3	SS5	3	STAPLE	3	STPNT
3	STATUS	3	SYSTEMS	3	TABLE/CHART	3	TEC
3	TELEPHONE	3	THESE	3	TITLE	3	TM'S
3	TRANSMITTED	3	UNCORRECTABLE	3	VI	3	VISCAL
3	WARFARE	3	WOULD	2	-	2	ABLE
2	ACCESSORY	2	ACKNOWLEDGMENT	2	ACPI'S	2	ADDITIONAL
2	ADVANCED	2	AFFECT	2	AG	2	AGATAST
2	ALLEN	2	ALONG	2	ALTERNATE	2	AN/GR-19A
2	AN/GFA-398	2	AN/GRC-L06A	2	AN/GRC-122A	2	AN/GRC-122B
2	AN/CPC-46A	2	AN/GRC142B	2	AN/PRC-25	2	AN/VSC-29
2	ANALYZE	2	ANTENNAS	2	APPEXIX	2	AREAS
2	ASSOCIATED	2	AUTOMATED	2	AUTOVIN	2	AUXILIARY
2	AVOID	2	B-7	2	BALTINGRE	2	BASE
2	BATTERIES	2	BEFORE	2	RIGLOGICAL	2	PCORS
2	NOTH	2	BOULEVARD	2	BREAKS	2	PROPCSIDE
2	BULLEIN	2	CABLE	2	CANNOT	2	CECLOS
2	CERTIFY	2	CHANGES	2	CHECKING	2	CHEMICAL
2	CLOSE	2	COMMAND	2	CUMPRON	2	COMPONENTS
2	COORDINATION	2	CONSTRUCT	2	CONSTRUCTION	2	COORDINATE
2	COORDINATES	2	COPIES	2	CONSTRUCTABLE	2	CORRECTING
2	CORRESPONDENCE	2	CORROSION	2	COUNT	2	DEFENSE
2	DETERMINED	2	DIESEL	2	DIRECT	2	DISCIPLINE
2	DISTANT	2	CUTTED	2	DUTIES	2	DUTY
2	EASTERN	2	ELECTRONIC	2	EMERGENCY	2	ENCLOS/DECODE
2	ENCODER	2	ERECTED	2	ESTABLISH	2	ESTABLISHED
2	EVENT	2	EXAMPLE	2	FILED	2	FCLLEN
2	FORMS	2	FORT	2	FOUR	2	FRAME
2	FRYED	2	FREE	2	GAUGES	2	GET
2	GUNPOW	2	GPI0	2	HANDLING	2	HEADING
2	HCA	2	HYL-37TSEC	2	INFLUENTATION	2	INDEX
2	INDIVIDUAL	2	INFORM	2	INITIATED	2	INSTALL
2	INSTRUCTION	2	INSULATION	2	INTERCEPTION	2	INTERCONNECTION
2	INTERMEDIATE	2	INTERROGATION	2	ITEM	2	J
2	JAM	2	JIN	2	KW	2	LEAVE
2	LENGTH	2	LESSONS	2	LETTER	2	LINES
2	LL-503A	2	LL-5820-40L-12	2	LL3-6L8-L00L	2	LOAD
2	LOCATING	2	LOKN	2	MAP	2	MD

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FREQUENCY/WORD

FREQUENCY/WORD

FREQUENCY/WORD

2	MESSENGER	2	METERS	2	MHZ	2	MILITARY
2	MALGAL	2	MURE	2	MOST	2	MUST
2	MBO'S	2	NESTOR	2	NETS	2	NEW
2	NEAT	2	NUCLEAR	2	OFF	2	CNCE
2	OPEFATE	2	ORGANIZATION	2	OTHERS	2	CVER
2	PARAGRAPH	2	PASS	2	PLACE	2	PLANNING
2	PRINTS	2	PCSSIOLE	2	PREPARE	2	PRESENCE
2	PRESETS	2	PRINTED	2	QUALIFIED	2	REACTNESS
2	RECEIVING	2	REPETITIONS	2	RTT	2	SN
2	SD-22/PT	2	SEP	2	SEPARATE	2	SERGEANT
2	SERVICED	2	SIGNALS	2	SINGLE	2	SITES
2	SGIL	2	SOLDIER	2	SOLDIER'S	2	SCPE
2	SCOS	2	SPOT	2	SQUELCH	2	SSO
2	STAFF	2	STATES	2	STATIONS	2	STEEL
2	STORAGE	2	STORED	2	SUGGESTIONS	2	SUPPLEMENT
2	SUPPLY	2	SWITCH	2	T8	2	TELEPRINTER
2	TEST	2	TEXT	2	TIMES	2	TRCUBLE
2	TYPE	2	UNITED	2	UNITS	2	UTILIZE
2	VALID	2	VEHICLE	2	VERIFICATION	2	VII
2	VIII	2	WATER	2	WD-1/TT	2	WNEVER
2	WITHOUT	2	WORK	2	X	2	YOURSELF
1	A-1	1	A-10	1	A-11	1	A-2
1	A-3	1	A-6	1	A-5	1	A-6
1	A-7	1	A-8	1	A-5	1	AP-155
1	ARC	1	AC	1	ACCESS	1	ACCESSIBLE
1	ACCOMPLISHED	1	ACCOUNTABILITY	1	ACTION	1	ACTIVE
1	ACTUAL	1	ADDED	1	ADDESS	1	ADEQUATE
1	ADJUSTED	1	ADJUTANT	1	ADMINISTRATION	1	ADRESS
1	AGENCY	1	AIR	1	ALLIED	1	AMPLIFIER
1	AN/FRC-93	1	AN/GRA-7L	1	AN/GRC-L22	1	AN/GRC-L60
1	AN/GRC-109	1	AN/GRC-125	1	AN/GRC-142/122	1	AN/CPC-19
1	AN/GRC-46	1	AN/GRC-46C	1	AN/GRCLO6	1	AN/GRC-42
1	AN/GSC142	1	AN/GRC46	1	AN/GSA-T	1	AN/PRC-74
1	AN/VRC	1	AN/VRC-53	1	AN/VRC-64	1	AN/CR
1	AN/GRC-142	1	ANNOUNCEMENT	1	APLICABLE	1	APPROVED
1	APC	1	AP'S	1	ARCA	1	APNG
1	ASSEMBLY	1	APRANGE	1	ARRANGEMENT	1	ASSEMBLED
1	AUDIO-VISUAL	1	ASSIST	1	ATTN	1	ATZFT-A
1	B-1	1	AUTHENTICATED	1	AWAY	1	AZIMUTH
1	BEFER	1	BACK	1	BASKETS	1	BATTERY
1	BLACK	1	BENEATH	1	BEPIARD	1	BRIDGE
1	ADIFIED	1	BOTTOM	1	BRAKES	1	BUPAS
1	HUT	1	SPIGADIER	1	BUILDINGS	1	CAPIPLE
1	CAREER	1	CALENDAR	1	CALLS	1	CHANGE
1	CHANGED	1	CHAIN	1	CHALLENGE	1	CHIPS
1	CIRCUIT	1	CHAPACTERISTICS	1	CHEMICAL-BIOLOGICAL	1	CLFAPANCE
1	CLIFF	1	CIRCULARS	1	CLEAR	1	COGER-AURST
1	CONES	1	CLOSED	1	CLCSURE	1	COME
1	COMFORABLE	1	COLOR	1	COMBAT	1	COMPLETE
1		1	COMMENTS	1	COMPASS	1	

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1	COMPLYING	1	COMPLYING	1	COMPLEMENT	1	COMSEC
1	CONCRETE	1	CONDUCT	1	CONFIGURATION	1	CONNECT
1	CONNECTORS	1	CONSIDERATIONS	1	CONTAINED	1	CONTAINING
1	CONVERSATIONS	1	COOLED	1	CORRECTIONS	1	COUNTERINTELLIGENCE
1	COVERED	1	CRACKS	1	CRESTS	1	CTP
1	CUT	1	CX-7474/U	1	DAMAGE	1	DECIDED
1	DECLINED	1	DECONTAMINATION	1	DEEP	1	DEFILADE
1	DEFENSES	1	DELIVERED	1	DELIVERY	1	DESCRIBED
1	DESIGNED	1	DESTRUCTION	1	DEVICE	1	DIRECTION
1	DIRECTLY	1	DISAGREE	1	DISTANCE	1	DISTRIBUTION
1	DISSEMINATE	1	DOES	1	DON'T	1	SCC
1	DOWN	1	DRAFT	1	DRAINAGE	1	CRCP
1	DROPPED	1	DIE	1	EFFICIENCY	1	EFFICIENTLY
1	EQUIPMENT	1	ELECTROMAGNETIC	1	ELECTRONICS	1	EMPLOY
1	EMPLOYED	1	END	1	ENDING	1	ENGINEERED
1	ENLISTED	1	ENEMIES	1	ERECT	1	ERRORS
1	ESC-1	1	ESC-2	1	ESPECIALLY	1	ESTABLISHING
1	EVALUATED	1	EVALUATIONS	1	EXCEED	1	EXTEND
1	EXTENSION	1	EXTERNAL	1	EYE	1	FED
1	FEEL	1	FIELDS	1	FILL	1	FILLING
1	FINAL	1	FINDING	1	FINISH	1	FIGURE
1	FIRE	1	FITNESS	1	FLCM	1	FCL
1	FOLIAGE	1	FOLLOWED	1	FOLLOWS	1	FORMULA
1	FURNISHED	1	FOUNDATION	1	FREQUENCIES	1	FUNCTIONS
1	GA	1	GIVE	1	GLANCE	1	GCING
1	GRACE	1	GREENWICH	1	GROUND	1	GUARD
1	GUIDE	1	H	1	HALF	1	HALFMAVE
1	HANDSETS	1	HAVING	1	HEALTH	1	HEAVILY
1	HERE	1	HIGHWAYS	1	HILL	1	HIP
1	HIS	1	HOURS	1	IDEA	1	IDEAS
1	IDENTIFY	1	IDLING	1	INT	1	IMPECCATE
1	IMPULSE	1	IMPOSED	1	IMPROVING	1	INCLUDED
1	INDEXES	1	INDICATE	1	INDICATED	1	INDIVIDUALS
1	INFORMATION	1	INITIAL	1	INITIATING	1	INJURIES
1	INSPECTING	1	INSTALLATIONS	1	INSTALLING	1	INSTANCES
1	INTERFERENCE	1	INTERNAL	1	INTO	1	INTUITION
1	IX	1	JULY	1	KNCW	1	KNCING
1	KH-WT	1	L-R	1	LANGUAGE	1	LEAC
1	LEAD-IN	1	LEAST	1	LEAVING	1	LEFT
1	LEFT-HAND	1	LEG	1	LESSON	1	LIFT
1	LINE-7F-SIGMT	1	LL-05C1/2	1	LL-05C3	1	LL-GSC4
1	LL-4	1	LL-5L35-L5	1	LL-5030-ESC	1	LL-5210-300-L2
1	LL-5RLO-224-L0	1	LL-5RLO-745-L0	1	LL-5810-247-L0	1	LL-5215-204-ESC
1	LL-5RLO-204-L0	1	LL-5RLO-562-ESC	1	LL-5905-262-L2	1	LL-5210-256-L0
1	LL-5RLO-254-L0	1	LL-5RLO-401-L2	1	LL-5320-467-L5	1	LL-5220-477-L2
1	LL-5RLO-520-ESC	1	LL-5RLO-520-L2	1	LL-5820-554-L2	1	LL-5820-590-L2-L
1	LL-5RLO-667-ESC	1	LL-5RLO-667-L2	1	LL-5835-224-L2	1	LL-6
1	LLL	1	LL3-573-700L	1	INTEGRATION	1	LOADING
1	LOGS	1	LOW	1	LOWEST	1	LONG
1	LOS-3L	1	LR	1	LOS-	1	LOS-3

FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD	FREQUENCY/WORD
1 SUMST	1 SUFFICIENT	1 SUPERVISING	1 SUPPORTING	1
1 SURE	1 SURFACE	1 SUSPECTED	1 TACTICAL	1
1 TAKE	1 TAKING	1 TC-11-4	1 TC22-11	1
1 TELEGRAPH	1 TENSION	1 TERMINALS	1 TERMINATING	1
1 TESTING	1 THANK	1 THEIR	1 THREE	1
1 TIED	1 TIGHTNESS	1 TILT	1 TOGETHER	1
1 TUNES	1 TOPS	1 TRAINERS	1 TRANSMITTING	1
1 TRAVELLED	1 TRADOP	1 TSEC/KY-28	1 TY	1
1 TT-523/GGC	1 TT-523A/GGC	1 TUNJLAR	1 TUNEC	1
1 TUNNEL	1 TYPES	1 UNCLEAR	1 UNCORRECTED	1
1 UNDERPASS	1 UNDERSTANDING	1 UNIT/STATION	1 UNLESS	1
1 UNLOADING	1 UNOFFICIAL	1 UNUSUAL	1 URGENT	1
1 USAC	1 USEFUL	1 USER	1 UTILIZED	1
1 UTILIZING	1 VEHICULAR	1 VERBAL	1 VIOLATED	1
1 VITAL	1 W	1 W-L	1 W-1	1
1 WARNED	1 WAS	1 WAVE	1 WAY	1
1 WE	1 WEIGHT	1 WELFARE	1 WELL	1
1 WERE	1 WHEELED	1 WMC	1 WHY	1
1 WILL	1 WRITING	1 XI	1 YCURPCS	1

APPENDIX 8

ENGLISH LANGUAGE STRUCTURES AND LEXICON

The following list is included as an addition to the structural and lexical list. These structures and lexical items are very basic.
(See Section II for discussion.)

LIST OF LEXICAL AND STRUCTURAL ITEMS FOR ENGLISH LANGUAGE STRUCTURES

Sentences:

- | | |
|------------------|-------------------------|
| A. Declarative | statement |
| B. Interrogative | question |
| | 1. wh- questions |
| | 2. tag questions |
| | 3. yes/no questions |
| C. Imperative | command, polite request |
| D. Exclamatory | exclamation |

Sentence Complexity:

- | | |
|---------------------|---|
| A. Simple | one full subject and predicate |
| B. Compound | two or more independent clauses joined by: |
| | 1. punctuation |
| | 2. punctuation and conjunctive adverb |
| | 3. coordinate conjunction |
| C. Complex | one or more dependent clauses and an independent clause |
| D. Compound-Complex | two or more independent clauses and one or more dependent clauses |

Verbs:

- | | |
|----------------------------|---|
| A. Concord | subject-verb agreement |
| B. Transitive | takes an object |
| C. Intransitive | doesn't take an object |
| D. Copula | to be |
| E. Linking | connectors |
| F. Auxiliaries of tense | will, do, did |
| G. Auxiliaries of modality | should, ought to, must to, have to, have got to, able to, can, may, might, could, would |
| H. Tense | present, past |
| I. Aspect | perfect, progressive |

Verbal Forms:

- | | |
|-----------------------|---------------|
| A. Present Participle | active voice |
| B. Past Participle | passive voice |

Voice:

- | | |
|------------|----------------------------|
| A. Active | subject does action |
| B. Passive | subject does not do action |
| | 1. agent expressed |
| | 2. agent not expressed |

Nouns:

A. Singular	man, pen
B. Plural	men, pens
C. Count	chairs
D. Mass	flour
E. Possessive	soldier's
F. Collective	fish

Adjectives:

A. Predicative	The tank is green.
B. Attributive	The green tank is moving.
C. Degrees of comparison	
1. regular	big, bigger
2. irregular	worse, worst
D. Ordinal/Cardinal Numbers	first, one

Adverbs:

A. Time/Frequency	immediately, today, ago
B. Place/Position	here, there, everywhere
C. Manner	maybe, possibly
D. Negative	no, never
E. Comparison of	nearest, harder
F. Degree	thoroughly, completely

Articles:

A. Definite	a, the
B. Indefinite	any, some

Pronouns:

A. Personal	you
B. Demonstrative	that
C. Indefinite	anybody, both, each
D. Reflexive	himself, yourself
E. Cases of	I, me, my, mine
F. Relative	who, whom, whose
G. Interrogative	who, which, what

Conjunctions:

A. Coordinating	and, but, or, nor
B. Subordinating	because, if, as, that, after
C. Correlative	either, or
D. Conjunctive adverb	therefore, furthermore

Prepositions:

A. Simple

1. place
2. time
3. direction/motion
4. manner/agent/
instrument
5. measurement/
number amount

on, in
in, at, on
to

by, with

of

B. Compound:

according to, because of, by means

Vocabulary:

words from 1100 through 2400 -
Elementary and Intermediate Phase of General
English materials

Special Expressions/Idioms

"knock it off" "can it, buddy"

Verb Combinations

two word verbs

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